



NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN

**PROPOSITION 84 IMPLEMENTATION GRANT PROPOSAL,
ROUND 1**

**ATTACHMENT 4:
BUDGET**

**Integrated Regional Water Management Program
Applicant: Humboldt County**

Table 8 - Summary Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	NCIRWMP Proposition 84, Round 1 Implementation Grant Regional Administration	\$0	\$411,111	\$0	\$411,111	0%
(b)	Ackerman Creek Habitat Restoration	\$180,000	\$46,950	\$0	\$226,950	79%
(c)	Bodega Bay HU Water Resources Management Project	\$255,205	\$700,000	\$0	\$955,205	27%
(d)	Lower Russian River Water Quality Improvement Project	\$41,500	\$375,000	\$0	\$416,500	10%
(e)	Mendocino Jumpstart Integrated Water Plan	\$51,050	\$400,000	\$0	\$451,050	11%
(f)	Nissa-kah Creek Fish Passage Removal	\$313,242	\$803,000	\$0	\$1,116,242	28%
(g)	Russian River Arundo donax Removal and Riparian Enhancement Program	\$70,000	\$225,000	\$0	\$295,000	24%
(h)	The Copeland Creek Watershed Detention/Recharge, Habitat Restoration, and Steelhead Refugia Project	\$333,333	\$1,000,000	\$0	\$1,333,333	25%
(i)	Camp Creek Habitat Protection- Road Decommissioning Implementation Project	\$75,000	\$300,000	\$0	\$375,000	20%
(j)	Indian Creek Sewer Pipeline Crossing	\$355,000	\$542,000	\$0	\$897,000	40%
(k)	Happy Camp Water Treatment System Upgrade	\$251,000	\$253,000	\$0	\$504,000	50%
(l)	Del Norte Agricultural Enhancement Program	\$240,000	\$250,000	\$0	\$490,000	49%
(m)	Gualala River Sediment Reduction Program	\$308,280	\$600,000	\$0	\$908,280	34%
(n)	Mattole Integrated Watershed Management Initiative	\$343,776	\$300,000	\$110,480	\$754,256	46%
(o)	Mendocino Headwaters Integrated Water Quality Enhancement Project	\$283,907	\$400,000	\$0	\$683,907	42%
(p)	Real-Time Weather Data for Irrigation Water Management	\$5,420	\$5,000	\$4,440	\$14,860	36%
(q)	Waterfall Gulch Transmission Main	\$238,305	\$550,000	\$0	\$788,305	30%
(r)	Blue Lake Fieldbrook Pipeline Support Retrofit	\$903,579	\$700,000	\$0	\$1,603,579	56%
(s)	Sustainable Forests, Clean Water & Carbon Sequestration Demonstration Project	\$78,040	\$250,000	\$0	\$328,040	24%
(t)	Willow Creek Community Services District Storm Water Interceptor Project	\$99,024	\$110,000	\$0	\$209,024	47%
(i)	Grand Total	\$4,425,661	\$8,221,061	\$114,920	\$12,761,642	35%

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: NCIRWMP Proposition 84, Round 1 Implementation Grant Regional Administration**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs		\$411,111		\$411,111	0%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation				\$0	0%
(d)	Construction/Implementation				\$0	0%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration				\$0	0%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$0	\$411,111	\$0	\$411,111	0%

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Ackerman Creek Habitat Restoration**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$20,000	\$4,800		\$24,800	81%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$45,000	\$15,500		\$60,500	74%
(d)	Construction/Implementation	\$95,000	\$5,850		\$100,850	94%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration	\$10,000	\$5,800		\$15,800	63%
(g)	Other Costs	\$10,000	\$15,000		\$25,000	40%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$180,000	\$46,950	\$0	\$226,950	79%

List sources of funding:U.S. Fish & Wildlife, Tribal Wildlife Program. June, 2010**Natural Resources Conservation Service. December, 2010**Bureau of Reclamation. October, 2010*

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Bodega Bay HU Water Resources Management Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$35,000		\$35,000	0%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$10,000	\$69,850		\$79,850	13%
(d)	Construction/Implementation	\$230,205	\$535,000		\$765,205	30%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$0		\$0	0%
(f)	Construction Administration	\$0	\$10,150		\$10,150	0%
(g)	Other Costs	\$15,000	\$50,000		\$65,000	23%
(h)	Construction/Implementation Contingency	\$0	\$0		\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$255,205	\$700,000	\$0	\$955,205	27%

***List sources of funding:**

Estero Americano Sediment Reduction Program Phase II -319h (Agreement No. 09-667-551) 6/2010

NOAA Restoration Center (Agreement No. NA09NMF4630326) 6/2009

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Lower Russian River Water Quality Improvement Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs		\$66,653		\$66,653	0%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$29,000	\$82,382		\$111,382	26%
(d)	Construction/Implementation		\$196,307		\$196,307	0%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration		\$29,658		\$29,658	0%
(g)	Other Costs	\$12,500			\$12,500	100%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$41,500	\$375,000	\$0	\$416,500	10%

***List sources of funding:**

Sotoyome Resource Conservation District. Summer 2011

Private landowners. Summer 2011

Sonoma County Permit and Resource Management Department. Summer 2011

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Mendocino Jumpstart Integrated Water Plan**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$16,400	\$7,000		\$23,400	70%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$2,000	\$9,800		\$11,800	17%
(d)	Construction/Implementation	\$4,500	\$331,240		\$335,740	1%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$2,000		\$2,000	0%
(f)	Construction Administration	\$17,400	\$8,500		\$25,900	67%
(g)	Other Costs	\$10,750	\$33,460		\$44,210	24%
(h)	Construction/Implementation Contingency		\$8,000		\$8,000	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$51,050	\$400,000	\$0	\$451,050	11%

List sources of funding:Mendocino College. Jun 2011 - Dec 2013**County of Mendocino. Aug 2011 - Oct 2012*

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Nissa-kah Creek Fish Passage Removal

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$50,237			\$50,237	100%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$111,005	\$60,000		\$171,005	65%
(d)	Construction/Implementation		\$585,000		\$585,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$75,000		\$75,000	0%
(f)	Construction Administration	\$92,000	\$43,000		\$135,000	68%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency	\$60,000	\$40,000		\$100,000	60%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$313,242	\$803,000	\$0	\$1,116,242	28%

***List sources of funding:**

US Fish and Wildlife Service. 2008-2009

Hopland Band of Pomo Indians – Tribal EPA. 2008-2013

US Fish and Wildlife Service (Funding Decisions Pending) 2012

NOAA Open Rivers Initiative (Funding Decisions Pending) 2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Russian River Arundo donax Removal and Riparian Enhancement Program

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$20,000	\$53,170		\$73,170	27%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$10,000	\$1,984		\$11,984	83%
(d)	Construction/Implementation	\$40,000	\$159,839		\$199,839	20%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$10,007		\$10,007	0%
(f)	Construction Administration				\$0	0%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$70,000	\$225,000	\$0	\$295,000	24%

***List sources of funding:**

Syar Industries, Inc. June 2010

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: The Copeland Creek Watershed Detention/Recharge, Habitat Restoration, and Steelhead Refugia Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs		\$45,450		\$45,450	0%
(b)	Land Purchase/Easement		\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation		\$350,568		\$350,568	0%
(d)	Construction/Implementation	\$250,000	\$555,118		\$805,118	31%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$0		\$0	0%
(f)	Construction Administration		\$48,864		\$48,864	0%
(g)	Other Costs		\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$83,333	\$0		\$83,333	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$333,333	\$1,000,000	\$0	\$1,333,333	25%

***List sources of funding:**

Sonoma County Water Agency. June 1, 2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Camp Creek Habitat Protection-Road Decommissioning Implementation Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs		\$3,543		\$3,543	0%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation		\$1,771		\$1,771	0%
(d)	Construction/Implementation	\$75,000	\$273,925		\$348,925	21%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$5,000		\$5,000	0%
(f)	Construction Administration		\$15,761		\$15,761	0%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$75,000	\$300,000	\$0	\$375,000	20%

***List sources of funding:**

EPA 319h NPS. 06/2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Indian Creek Sewer Pipeline Crossing

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$25,000	\$5,000		\$30,000	83%
(b)	Land Purchase/Easement	\$0	\$2,000		\$2,000	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$172,476	\$0		\$172,476	100%
(d)	Construction/Implementation	\$147,524	\$433,313		\$580,837	25%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$7,000	\$0		\$7,000	100%
(f)	Construction Administration	\$2,000	\$20,107		\$22,107	9%
(g)	Other Costs	\$1,000	\$0		\$1,000	100%
(h)	Construction/Implementation Contingency	\$0	\$81,580		\$81,580	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$355,000	\$542,000	\$0	\$897,000	40%

***List sources of funding:**

Indian Health Service Sanitation Deficiency System Grant for Planning - Evaluation Study (U.S. Environmental Protection Agency Clean Water Act Tribal Set-Aside Federal Funds) (\$47,000 for Planning/Design/Engineering & Environmental Documentation) 11/2010

Indian Health Service (IHS) Sanitation Deficiency System Grant for Project (Either Indian Health Service Regular Federal Funds or U.S. Environmental Protection Agency (EPA) Clean Water Act Tribal Set-Aside Federal Funds) (\$265,000) 06/2011

Indian Health Service Program Funds for Project Engineer/Project Manager Salary (Estimated Value of In-Kind Services (donated services from non-state source)) (Federal Funds) (\$30,000 = \$23,000 for Project Management + \$7,000 for Environmental Compliance/Mitigation/Enhancement) 06/2011

Karuk Tribe Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Tribal (non-State) Funds) (\$1,000) 06/2011

Happy Camp Sanitary District Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Local Funds) (\$12,000 = \$1,000 for Project Management + \$10,000 for Construction/Implementation (construction inspection) + \$1,000 for Other Costs (legal review)) 06/2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Happy Camp Water Treatment System Upgrade

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$25,000	\$5,000		\$30,000	83%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$102,323	\$0		\$102,323	100%
(d)	Construction/Implementation	\$119,677	\$192,845		\$312,522	38%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$2,000	\$0		\$2,000	100%
(f)	Construction Administration	\$1,000	\$11,242		\$12,242	8%
(g)	Other Costs	\$1,000	\$0		\$1,000	100%
(h)	Construction/Implementation Contingency	\$0	\$43,913		\$43,913	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$251,000	\$253,000	\$0	\$504,000	50%

***List sources of funding:**

Indian Health Service Sanitation Deficiency System Grant for Planning - Evaluation Study (Federal Funds) (\$19,000 for Planning/Design/Engineering & Environmental Documentation) 06/2010

Indian Health Service Sanitation Deficiency System Grant for Project (Federal Funds) (\$194,000) 06/2011

Indian Health Service Program Funds for Project Engineer/Project Manager Salary (Estimated Value of In-Kind Services (donated services from non-state source)) (Federal Funds) (\$25,000 = \$23,000 for Project Management + \$2,000 for Environmental Compliance/Mitigation/Enhancement) 06/2011

Karuk Tribe Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Tribal (non-State) Funds) (\$1,000) 06/2011

Happy Camp Community Services District Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Local Funds) (\$12,000 = \$1,000 for Project Management + \$10,000 for Construction/Implementation (construction inspection) + \$1,000 for Other Costs (legal review)) 06/2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Del Norte Agricultural Enhancement Program

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs		\$12,500		\$12,500	0%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$24,000	\$12,000		\$36,000	67%
(d)	Construction/Implementation	\$216,000	\$225,500		\$441,500	49%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration				\$0	0%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$240,000	\$250,000	\$0	\$490,000	49%

***List sources of funding:**

Environmental Quality Incentives Program. June 2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Gualala River Sediment Reduction Program

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$31,485		\$31,485	0%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$5,000	\$17,063		\$22,063	23%
(d)	Construction/Implementation	\$280,840	\$414,646		\$695,486	40%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0		\$0	0%
(f)	Construction Administration	\$0	\$6,383		\$6,383	0%
(g)	Other Costs	\$22,440	\$130,423		\$152,863	15%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$308,280	\$600,000	\$0	\$908,280	34%

***List sources of funding:**

Planning/Design/Engineering & Environmental Documentation

\$ 5,000.00: for road restoration 1600 permit provided by landowner, Gualala Redwoods, Inc. 6/2011

Construction/Implementation

\$ 224,247.90: 30% of construction costs provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc.

\$2,557.00: Straw and ground covering provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc.

\$25,559.11: 1,161 cubic yard of rock provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc.

\$13,876.00: Culverts provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc.

\$12,000.00: 100MBF of Large Wood @ \$120.00 per MBF provided by landowner, Gualala Redwoods, Inc.

\$ 2,600.00: 40hrs of GIS Specialist contract services @ \$65.00 per hour provided by landowner, Gualala Redwoods, Inc.

Total : \$280,840.01 provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc. 6/2011

Other Costs: Labor

\$9,440.00: 2010 GRWC partial salary (non-state) for Scientific Field Technician

\$12,888.00: Partial GRWC cost for USGS Grant 2010 - 2011

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Mattole Integrated Watershed Management Initiative

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$12,000	\$14,998	\$0	\$26,998	44%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$30,423	\$4,082	\$0	\$34,505	88%
(d)	Construction/Implementation	\$219,965	\$234,615	\$101,188	\$555,768	40%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$12,010	\$26,790	\$0	\$38,800	31%
(g)	Other Costs	\$69,378	\$18,015	\$292	\$87,685	79%
(h)	Construction/Implementation Contingency	\$0	\$1,500	\$9,000	\$10,500	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$343,776	\$300,000	\$110,480	\$754,256	46%

***List sources of funding:**

NOAA. 7/1/2012

US EPA – 319h. 9/30/2008

Bonneville Environmental Foundation. 11/1/2009

National Fish and Wildlife Foundation. 1/1/2009

AmeriCorps – National Civilian Community Corps. 1/1/2011

California Department of Fish and Game. 3/1/2011

State Coastal Conservancy. 6/28/2010

Mattole Salmon Group: donated services

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Mendocino Headwaters Integrated Water Quality Enhancement Project**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$18,676	\$24,349		\$43,025	43%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$10,112	\$19,465		\$29,577	34%
(d)	Construction/Implementation	\$244,466	\$317,353		\$561,819	44%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration	\$8,400	\$15,069		\$23,469	36%
(g)	Other Costs	\$2,253	\$23,764		\$26,017	9%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$283,907	\$400,000	\$0	\$683,907	42%

List sources of funding:Dept of Fish and Game: Federal funding for Little North Fork Big River Coho Habitat Restoration Project. 6/1/2010**State Department of Transportation: Federal funding for riparian restoration. 7/1/2010*

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Real-Time Weather Data for Irrigation Water Management

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$600	\$700		\$1,300	46%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation		\$200	\$3,260	\$3,460	0%
(d)	Construction/Implementation	\$4,820	\$4,100	\$400	\$9,320	52%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration				\$0	0%
(g)	Other Costs			\$780	\$780	0%
(h)	Construction/Implementation Contingency				\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$5,420	\$5,000	\$4,440	\$14,860	36%

***List sources of funding:**

USDA- Conservation Innovation Grant. June 2011

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Waterfall Gulch Transmission Main**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$5,000		\$5,000	0%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$51,500	\$0		\$51,500	100%
(d)	Construction/Implementation	\$186,805	\$453,890		\$640,695	29%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0		\$0	0%
(f)	Construction Administration	\$0	\$0		\$0	0%
(g)	Other Costs	\$0	\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$91,110		\$91,110	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$238,305	\$550,000	\$0	\$788,305	30%

***List sources of funding:**

City of Fort Bragg: Planning/Design/Engineering documents were completed in October, 2010. The total cost to the City for Plans & Specs was \$46,500. 10/2010

City of Fort Bragg: Employee time spent on environmental, and RFP preparation was \$5,000. 09/2010

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Blue Lake Fieldbrook Pipeline Support Retrofit**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$28,367	\$28,367		\$56,734	50%
(b)	Land Purchase/Easement	\$12,500	\$37,500		\$50,000	25%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$93,271	\$186,184		\$279,455	33%
(d)	Construction/Implementation	\$633,529	\$312,037		\$945,566	67%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0		\$0	0%
(f)	Construction Administration	\$64,995	\$64,995		\$129,990	50%
(g)	Other Costs	\$0	\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$70,917	\$70,917		\$141,834	50%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$903,579	\$700,000	\$0	\$1,603,579	56%

List sources of funding:Humboldt Bay Municipal Water District (HBMWD) June 2011**Federal Emergency Mitigation Administration. March 2012*

Table 7 - Project Budget

Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant

Project Title: Sustainable Forests, Clean Water & Carbon Sequestration Demonstration Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$73,040	\$10,000		\$83,040	88%
(b)	Land Purchase/Easement				\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$5,000			\$5,000	100%
(d)	Construction/Implementation		\$225,000		\$225,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement				\$0	0%
(f)	Construction Administration				\$0	0%
(g)	Other Costs				\$0	0%
(h)	Construction/Implementation Contingency		\$15,000		\$15,000	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$78,040	\$250,000	\$0	\$328,040	24%

***List sources of funding:**

Private donations \$28,000. August 2009 – Sept. 2010

Mendocino National Forest Restoration Advisory Committee - \$5,000. August 2010

Community Foundation of Mendocino County - \$4,000. May 2010

Mendo Futures - \$27,000. 2010 - 2012

Woody Biomass Working Group – in-kind contribution \$14,040. 2011 -2013

Table 7 - Project Budget**Proposal Title: North Coast Integrated Regional Water Management Plan, Proposition 84, Round 1 Implementation Grant****Project Title: Willow Creek Community Services District Storm Water Interceptor Project**

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$7,560			\$7,560	100%
(b)	Land Purchase/Easement	\$0			\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$5,646	\$16,938		\$22,584	25%
(d)	Construction/Implementation	\$74,776	\$76,424		\$151,200	49%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0			\$0	0%
(f)	Construction Administration	\$6,890	\$5,670		\$12,560	55%
(g)	Other Costs	\$0			\$0	0%
(h)	Construction/Implementation Contingency	\$4,152	\$10,968		\$15,120	27%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$99,024	\$110,000	\$0	\$209,024	47%

List sources of funding:Willow Creek Community Services District – Donated Services and Funding*



NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN

**North Coast Integrated Regional Water Management Plan
Proposition 84 Round 1 Implementation Grant**

Priority Project Budget Detail



NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Attachment 4, Budget Detail

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NCIRWMP Proposition 84 Round 1 Implementation Grant Administration

Project Title: NCIRWMP Proposition 84, Round 1 Implementation Grant Regional Administration						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs		\$411,111		\$411,111	
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation					
(d)	Construction/ Implementation					
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration					
(g)	Other Costs: Labor					
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)		\$411,111		\$411,111	

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost	Total Cost
Labor	Director	500	\$103.00		\$51,500
Labor	Executive Secretary	100	\$41.00		\$4,100
Labor	Business Manager	100	\$50.00		\$5,000
Labor	Systems Analyst	100	\$48.00		\$4,800
Labor	Administrative Analyst	3235	\$39.00		\$126,165
Labor	Supervising Planner	3120	\$63.00		\$196,560
Equipment					\$4,986
Supplies					\$8,000
Travel					\$10,000
Total					\$411,111.00

A. Russian River/Bodega WMA

402 - Ackerman Creek Habitat Restoration, Pinoleville Pomo Nation

Budget						
Project Title: Ackerman Creek Habitat Restoration						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	20,000	4,800		24,800	81%
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	45,000	15,500		60,500	74%
(d)	Construction/ Implementation	95,000	5,850		100,850	94%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration	10,000	5,800		15,800	63%
(g)	Other Costs: Labor	10,000	15,000		25,000	40%
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	180,000	46,950		226,950	79%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
U.S. Fish & Wildlife, Tribal Wildlife Program	June, 2010
Natural Resources Conservation Service	December, 2010
Bureau of Reclamation	October, 2010

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Environmental Director (Task 1 & 2)	80	\$35/hour		\$2,800
Labor	Water Quality Specialist (Task 1 & 2)	80	\$25/hour		\$2,000

Equipment					
Supplies					
Travel					
Other					
Total					\$4,800

Row (b) Land Purchase/Easement					
N.A.					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Native Plant Specialist	Design planting plan, on-site management, follow up assessment (Tasks 3.1 – 3.10)	150	\$100		\$15,000
Tribal educators	To help develop curricula for youth (Task 3.10)	20	\$25		\$500
Total					\$15,500

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Plants	Purchase of riparian plants that we can't propagate ourselves (Task 4.4)	500	\$10	\$5,000
Planting tools	Tool sets for labor (Task 4.3, 4.4)	4	\$50	\$200
Planting tools for youth	Tool sets for youth (Task 4.3, 4.4)	5	\$50	\$250

Tarps for eradication	Tarp rolls to cover Arundo donax (Task 4.3)	4	\$100	\$400
Total				\$5,850

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N.A.				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	Self-Governance Coordinator (Task 4)	80	\$35/hour		\$2,800
Labor	Fiscal Manager (Task 4)	120	\$25/hour		\$3,000
Equipment					
Supplies					
Travel					
Other					
Total					\$5,800

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Labor for	Two people to tarp Giant reed and remove	300	\$10	\$3,000

eradication	by hand blackberry			
Labor for revegetation	Four people to plant and irrigate native species	1,200	\$10	\$12,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$15,000

Row (h) Construction/Implementation Contingency

345 - Bodega Bay HU Water Resources Management Project, Gold Ridge RCD

Budget						
Project Title: Bodega Bay HU Water Resources Management Project						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$0	\$35,000		\$35,000	
(b)	Land Purchase/Easement	\$0	\$0		0	
(c)	Planning/Design/Engineering & Environmental Documentation	\$10,000	\$69,850		\$79,850	13%
(d)	Construction/ Implementation	\$230,205	\$535,000	\$0	\$765,205	30%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor		\$0			
(f)	Construction Administration	\$0	\$10,150		\$10,150	
(g)	Other Costs: Project Construction Performance Assessment	\$15,000	\$50,000		\$65,000	23%
(h)	Construction/Implementation Contingency	\$0	\$0		\$0	
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$255,205	\$700,000		\$955,205	27%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Estero Americano Sediment Reduction Program Phase II -319h (Agreement No. 09-667-551)	6/2010
NOAA Restoration Center (Agreement No. NA09NMF4630326)	6/2009

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Project Director	250	\$75		\$18,750
Labor	Conservation Planner	175	\$70		\$12,250
Equipment	N/A				

Supplies					\$3,000
Travel	Mileage				\$1,000
Total					\$35,000

Row (b) Land Purchase/Easement					
N/A					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Biologist	Task 2: Environmental Documentation 2.1, 2.2, 2.3, 2.4, 2.5, and 2.6	300	\$65		\$19,500
Environmental Planner	Task 2: Environmental Documentation 2.1, 2.2, 2.3, 2.4, 2.5, and 2.6	207	\$70		\$14,500
Registered Civil Engineer	Task 3: Planning & Design 3.1, 3.2 and 3.5	150	\$150		\$22,500
CAD Operator	Task 3: Planning & Design 3.1, 3.2, 3.3, 3.4, 3.5, and 3.6	120	\$95		\$7,600
Registered Landscape Architect	Task 3: Planning & Design 3.1, 3.2, and 3.3	150	\$105		\$15,750
Total					\$79,850
Rationale used to determine the contingency percentage.		N/A			

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task	Number of Hours	Hourly Wage	Total Cost
Engineer	Task 4: Construction/Implementation 4.2, 4.4, and 4.5	40	\$150	\$6,000

Foreman	Task 4: Construction/Implementation 4.2, 4.4, and 4.5	250	\$105	\$26,250
Heavy Equipment Operator	Task 4: Construction/Implementation 4.3, 4.4, 4.5 and 4.6	250	\$85	\$21,250
Skilled Labor	Task 4: Construction/Implementation 4.3, 4.4, 4.5, 4.6, and 4.7	500	\$65	\$32,500
Materials and Equipment	Work Task and Sub-Task	Number of Units	Unit Cost	
200,000 storage tank	Task 4: Construction 4.4	1	\$300,000	\$300,000
Agricultural and Rural residential tanks	Task 4: Construction 4.5	10	\$30,000	\$300,000
Plant Materials	Task 4: Construction 4.3 and 4.4			\$40,000
Fence Materials	Task 4: Construction 4.3			\$39,205
Total				\$765,205

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$0

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	Project Manager	80	\$70		\$5,600
Labor	Inspector	43	\$105		\$4,515
Equipment					
Supplies					\$35
Travel					
Other					
Total					\$10,150
What is the percentage based on?		Costs to do similar projects			

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Ecologist	Task 5: Construction performance	400	\$65	\$26,000
Project Assistant	Task 5: Construction performance	600	\$45	\$27,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Assessment Supplies	Task 5: Construction performance			\$12,000
Total				\$65,000

Row (h) Construction/Implementation Contingency

292 - Lower Russian River Water Quality Improvement Project, Sotoyome Resource Conservation District

Budget						
Project Title: Lower Russian River Water Quality Improvement Project						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs		\$66,653		\$66,653	0%
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	\$29,000	\$82,382		\$111,382	26%
(d)	Construction/ Implementation		\$196,307		\$196,307	0%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration		\$29,658		\$29,658	0%
(g)	Other Costs: Training	\$12,500			\$12,500	100%
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$41,500	\$375,000		\$416,500	10%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Sotoyome Resource Conservation District	Summer 2011
Private landowners	Summer 2011
Sonoma County Permit and Resource Management Department	Summer 2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Executive Director	80	\$86		\$6,880
Labor	Physical Scientist	165	\$71		\$11,715
Labor	Biologist	120	\$69		\$8,280

Labor	Business Manager	50	\$62		\$3,100
Equipment					N/A
Supplies					\$299
Travel					N/A
Administrative Overhead	Bookkeeping, admin, overhead				\$19,379
Other	Labor Compliance Audit				\$3,000
Other (funding match)	Overhead costs				\$14,000
Total					\$66,653

Row (b) Land Purchase/Easement					
N/A					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
CEQA	Task 2 – Environmental Documentation Subtasks 2.1 and 2.3				\$3,870
Permits, filing fees	Task 2 – Environmental Documentation Subtasks 2.1 and 2.3				\$4,000
Executive Director	Task 3 – Planning/Design Subtasks 3.1 – 3.4	160	\$86		\$13,760
Biologist	Task 3 – Planning/Design Subtasks 3.1 – 3.4	425	\$69		\$29,325
Project Technician	Task 3 – Planning/Design Subtasks 3.1 – 3.4	225	\$62		\$13,950

Principal Geologist	Task 3 – Planning/Design Subtasks 3.1 – 3.4	6	\$105		\$635
Professional Geologist	Task 3 – Planning/Design Subtasks 3.1 – 3.4	3	\$80		\$240
Associate Geologist	Task 3 – Planning/Design Subtasks 3.1 – 3.4	.5	\$90		\$45
Technical Editor	Task 3 – Planning/Design Subtasks 3.1 – 3.4	.5	\$74		\$37
Project Leader	Task 3 – Planning/Design Subtasks 3.1 – 3.4	57	\$80		\$4,560
Technical Staff	Task 3 – Planning/Design Subtasks 3.1 – 3.4	25	\$60		\$1,500
GIS Staff	Task 3 – Planning/Design Subtasks 3.1 – 3.4	4	\$55		\$220
Clerical Staff	Task 3 – Planning/Design Subtasks 3.1 – 3.4	1	\$40		\$40
Environmental Technicians	Task 3 – Planning/Design Subtasks 3.1 – 3.4	225	\$62		\$14,000
Room rentals, printing, postage	Task 3 – Planning/Design Subtasks 3.1 – 3.4				\$9,000
Travel related to Planning/Design/Engineering		2400/miles	.50/mile		\$1,200
Landowner in-kind (funding match)					\$9,000
Permit and Resource Management Department in-kind services (funding match)					\$6,000
Total					\$111,382
Rationale used to determine the contingency percentage.		N/A			

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Executive Director	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	60	\$86	\$5,160
Biologist	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	150	\$69	\$10,350
Project Technician	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	60	\$62	\$3,720
Consultants	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4			\$11,306
Travel	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	772/miles	.50/mile	\$386
Laborers	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	164	\$50	\$8,200
Consultants	Task 4 – Construction/Implementation Subtask 4.3			\$20,000
Biologist	Task 5- Monitoring Sub-tasks 5.1 – 5.3	150	\$69	\$10,350
Project Technician	Task 5- Monitoring Sub-tasks 5.1 – 5.3	100	\$62	\$6,200
Printing, postage and training	Task 5- Monitoring Sub-tasks 5.1 – 5.3			\$500
Travel	Task 5- Monitoring Sub-tasks 5.1 – 5.3	1150/miles	.50/mile	\$575
Laboratory Services	Task 5- Monitoring Sub-tasks 5.1 – 5.3			\$4,750
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Materials	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4			\$5,000
Move In/Move Out (Excavator, Bulldozer, Grader, Roller)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	24	\$120	\$2,880
Move In/Move Out (Water truck, Dump truck) Heavy Equipment for road drainage (Water truck)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	84	\$123	\$10,332
Move In/Move Out (Pilot Car)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	6	\$83	\$498

Move In/Move Out (Truck/trailer)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	6	\$140	\$840
Road Opening and Heavy Equipment for road drainage (Excavator)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	12	\$175	\$2,100
Road Opening and Heavy Equipment for road drainage (Bulldozer)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	339	\$180	\$61,020
Heavy Equipment for road drainage (Grader)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	24	\$130	\$3,120
Heavy Equipment for road drainage (Roller)	Task 4 – Construction/Implementation Subtasks 4.1 – 4.4	176	\$145	\$25,520
Equipment and Supplies	Task 5- Monitoring Sub-tasks 5.1 – 5.3			\$3,500
Total				\$196,307

Row (e) Environmental Compliance/Mitigation/Enhancement (N/A)				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor/Technical Oversight	Principal Geologist/Watershed Scientist	26	\$105		\$2,730
Labor/Technical Oversight	Professional Geologist	14	\$80		\$1,120
Labor/Technical Oversight	Associate Geologist	1.5	\$90		\$135

Labor/Technical Oversight	Technical Editor	1.5	\$76		\$114
Labor/Technical Oversight	Project Leader	226	\$80		\$18,080
Labor/Technical Oversight	Technical Staff	101	\$60		\$6,060
Labor/Technical Oversight	GIS Staff	18	\$55		\$990
Labor/Technical Oversight	Clerical Staff	2	\$40		\$80
Equipment	Quad rental	10 days	\$35/day		\$350
Supplies					
Travel					
Total					\$29,658

Row (g) Other Costs (N/A)				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
In-kind services (funding match)	Other Costs: Training			\$12,500
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$12,500

Row (h) Construction/Implementation Contingency (N/A)

364 - Mendocino Jumpstart Integrated Water Plan, Mendocino County Water Agency/Planning Department

Budget						
Project Title: <u>Mendocino Jumpstart Integrated Water Plan</u>						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	16,400	7,000		23,400	70%
(b)	Land Purchase/Easement	-	-		-	
(c)	Planning/Design/Engineering & Environmental Documentation	2,000	9,800		11,800	17%
(d)	Construction/ Implementation	4,500	331,240		335,740	1%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	-	2,000		2,000	0%
(f)	Construction Administration	17,400	8,500		25,900	67%
(g)	Other Costs: Education, Plant discount, Classroom Facilities, County workshops	10,750	33,460		44,210	24%
(h)	Construction/Implementation Contingency	-	8,000		8,000	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	51,050	400,000		451,050	11%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
<u>Mendocino College</u>	
Design	Jul/Aug 2011
Labor	Aug - Oct 2011
Project Management	Jun 2011 - Dec 2013
Construction Administration	Jun 2011 - Dec 2013
Education (Curriculum Design)	Jun 2011 - Dec 2012
Plant Discount	Jun 2011 - Mar 2012
Facilities (Classrooms, Greenhouse, Office Space)	Jun 2011 - Dec 2013
<u>County of Mendocino</u>	
County Inmate Labor or Community Volunteers	Aug - Oct 2011
Labor Supervision and Monitoring	Aug 2011 - Oct 2012

Budget Detail

Row (a) Project Management Costs - For Entire Project					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Hydrologist	50	65.69		3,284
Labor	Water Resources Specialist	64	55.10		3,526
Labor – in-kind	College Dean and Faculty				16,400
Supplies: Postage and copies					140
Travel: 100 mi@ \$.50/mi					50
Other					-
Total					23,400
* What is the percentage based on (including total amounts)?		Project Management includes contracting, Memorandum of Agreement with Mendocino College, and reporting requirements.			
* How was the percentage of cost determined?		The amount requested per category was divided by total cost in each category.			

Row (b) Land Purchase/Easement					
Not Applicable as this project will not involve land easement or acquisitions.					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Engineering Firm: To be determined through competitive bid process	3.1 - Assessment study of College sports field irrigation recycling system				9,800
	3.4 - Create detailed design (60%) of irrigation recycling, bioswale/wetland and vernal pool sites				
	Construction/Implementation Contingency of College sports fields irrigation recycling system			8,000	
Planning/Design/					2,000

Environmental documentation					
Total				8,000	11,800
Rationale used to determine the contingency percentage.		~3% of sports fields irrigation project allocated to design and engineering. Construction/Implementation Contingency is ~6% of sports field irrigation project cost.			

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table -Attachment 3)	Number of Hours	Hourly Wage	Total Cost
Personnel disciplines, rates and time per task will depend upon the awarded contracts through the competitive bidding process. All hourly wage will comply with State Prevailing Wage requirements.				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table -Attachment 3)	Number of Units	Unit Cost	
County Facilities				
Parking Lot Retrofit	3.4 - Construction design (90%) 4.4 - Mobilization and site preparation 4.5 - Project Construction			167,233
Parking Lot Retrofit	In-kind: site planning and percolation tests			4,500
Mendocino College: Sports Fields Irrigation Recycling Project				
7"submersible pump & control panel	4.5 Project Construction: Equipment plus installation			12,000
3" water & power conduit	4.5 Project Construction: Installed in trench and connected to system			30,000
Electrical Wire	4.5 Project Construction	1,000 ft	\$4.00/ft	40,000
Water tank	4.5 Project Construction: Installed on site			30,000
Solenoid valve	4.5 Project Construction: Includes connection to water district line			6,000
Wiring throats and misc. system components	4.5 Project Construction: Includes installation and testing of system			10,000
Water Filter	4.5 Project Construction: Installed and connected to system			10,000
Tank to pumphouse components	4.5 Project Construction: Installed, inspected, and tested			10,000
Mendocino College: Bioswale/Wetland construction	4.5 Project Construction Define and build constructed channel for bioswale and two berms for wetland, and install			6,000

	plants.			
Mendocino College: Vernal Pool construction	4.5 Project Construction Define and build vernal pool and install plants.			2,200
County Facilities: Roundabout Turf to Xeric conversion	4.5 Project Coordination Remove turf and ornamental plants. Install xeric species and irrigation system.			4,807
College Campus and County Facilities: Rainwater Catchment and Xeric Landscape installation	4.5 Project Construction: College and County Agriculture Building Remove turf. Install rainwater catchment tank and xeric species, and install drip irrigation system			3,000
Total				335,740

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table -Attachment 3)	Number of Hours	Hourly Wage	Total Cost
Hydrologist	2.1 and 2.3: CEQA Documentation and Preparation/Site visit with CA Fish and Game. Potential for Negative Declaration at College sports fields irrigation recycling system	27	65.69	1,750
Materials and Equipment	Work Task and Sub-Task (from Work Task Table -Attachment 3)	Number of Units	Unit Cost	
F&G 1600 Agreement	College sports fields irrigation recycling system 2.1 - CEQA Development 2.3 - Permit Development		250	250
Total				2,000

Row (f) Construction Administration - For Entire Project					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
QA/QC, Monitoring, Pre/post Construction Workshops	Hydrologist	26	65.69		1687
QA/QC, Monitoring, Pre/post Construction	Water Resources	31	55.10		1688

Workshops	Specialist				
Consultant	Labor Compliance Program				5,000
MCWA & College match					17,400
Supplies: Copies, Photos					50
Travel: 150 mi @ \$.50/mi					75
Total					25,900
What is the percentage based on (including total amounts)?		Construction Administration includes QA/QC, monitoring, and tours or workshops pre/post construction.			
How was the percentage of cost determined?		Amount requested divided by total category cost.			

Row (g) Other Costs: Education - Mendocino College Projects				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Design, Implementation, Class Instruction	College Instructor: Task 1.6	359	70.00	25,160
Curriculum Development and Assessment	College Dean: Task 1.6	40	70.00	2,800
Curriculum Development and Assessment	Sustainable Development Coordinator: Task 1.6	100	50.00	5,000
In-kind: Education/plant discount/County & College facilities				10,750
Total				44,210

Row (h) Construction/Implementation Contingency
\$8,000 is ~5% of sports fields irrigation total requested.

374 & 376 - Nissa-kah Creek Fish Passage Removal, Hopland Band of Pomo Indians

Budget						
Project Title: <u>NissaKah Creek Fish Passage Improvements</u>						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$50,237			\$50,237	100%
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	\$111,005	\$60,000		\$171,005	65%
(d)	Construction/ Implementation		\$585,000		\$585,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor		\$75,000		\$75,000	0%
(f)	Construction Administration	\$92,000	\$43,000		\$135,000	68%
(g)	Other Costs: Labor					
(h)	Construction/Implementation Contingency	\$60,000	\$40,000		\$100,000	60%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$313,242	\$803,000		\$1,116,242	28%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
US Fish and Wildlife Service	2008-2009
Hopland Band of Pomo Indians – Tribal EPA	2008-2013
US Fish and Wildlife Service (Funding Decisions Pending)	2012
NOAA Open Rivers Initiative (Funding Decisions Pending)	2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Personnel	Tribal EPA Director			N/A	\$12,000
Personnel	Assistant EPA Director			N/A	\$10,000
Personnel	Water Quality Specialist			N/A	\$ 840

Personnel	Grant Coordinator			N/A	\$ 840
Personnel	Environmental Assistant/Safety Officer			N/A	\$4,200
Personnel	Environmental Technicians			N/A	\$ 840
Fringe					\$5,744
Supplies					\$ 1,800
Travel					\$5,600
Indirect					\$8,373
Total					\$50,237
* What is the percentage based on (including total amounts)?		Total Administrative Cost / Total Project Cost			
* How was the percentage of cost determined?		4.5%			

Row (b) Land Purchase/Easement
N/A

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
N/A Final engineering design to be done by contract; hours, wages, contingency not known; total cost of work remaining estimated at \$60,000 based on preliminary engineering design work. The tribe has already expended \$111,005 on project work already completed to date for planning, engineering, design and environmental documentation.					
Total					\$171,005
Rationale used to determine the contingency percentage.					

Row (d) Construction/Implementation					
Personnel	Work Task and Sub-Task	(from	Number of	Hourly Wage	Total Cost

(Discipline)	Work Task Table)	Hours		
N/A Construction to be contracted; estimated construction costs are \$685,000 including \$100,000 for contingency based on preliminary engineering design.				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$585,000

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N/A Environmental compliance to be done by contract; cost estimate is from contractor that prepared the preliminary engineering designs (Winzler&Kelly)				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$75,000

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
N/A. Construction administration (including bidding assistance) to be done by contract; cost estimate is from preliminary engineering designs					
Labor					
Equipment					
Supplies					

Travel					
Other					
Total					\$135,000

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$0

Row (h) Construction/Implementation Contingency
Estimated contingency for construction is \$100,000 based upon estimates in preliminary engineering designs

393 - Russian River Arundo donax Removal and Riparian Enhancement Program, Sotoyome Resource Conservation District

Budget						
Project Title: Russian River Arundo donax Removal and riparian Enhancement Program						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$20,000	\$53,170		\$73,170	27%
(b)	Land Purchase/Easement					0%
(c)	Planning/Design/Engineering & Environmental Documentation	\$10,000	\$1,984		\$11,984	83%
(d)	Construction/ Implementation	\$40,000	\$159,838		\$199,838	20%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor		\$10,007		\$10,008	0%
(f)	Construction Administration					0%
(g)	Other Costs: Labor					0%
(h)	Construction/Implementation Contingency					0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$70,000	\$225,000		\$295,000	24%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Syar Industries, Inc.	June 2010

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Executive Director	111	\$86		\$9,546
Labor	Restoration Ecologist	153	\$68		\$10,404

Labor	Project Technician	108	\$61		\$6,588
Labor	Business Manager	146	\$61		\$8,928
Labor	Program Coordinator	197	\$68		\$13,454
Labor (match)	Project Technician (Landowner Outreach)	50	\$61		\$3,050
Labor (match)	Restoration Ecologist	73	\$68		\$4,964
Equipment					
Supplies					\$1000
Travel		500/miles	.50/mile		\$250
Administrative Overhead (match)	Business Manager/overhead				\$11,986
Other	Labor Compliance Audit				\$3,000
Total					\$73,170

Row (b) Land Purchase/Easement (N/A)

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Restoration Ecologist	Task 2: Environmental Documentation	14	\$68		\$952
Executive Director	Task 2: Environmental Documentation	12	\$86		\$1032
Restoration Ecologist (match)	Task 2: Environmental Documentation	30	\$68		\$2,000
Restoration Ecologist (match)	Task 2: Planning/Design	118	\$68		\$8,000
Total					\$11,984

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task	Number of Hours	Hourly Wage	Total Cost
Mechanical Removal	Task 4: Construction Implementation Subtask 4.4	12.5 days	\$3,200/day	\$40,000
Wildlife Survey	Task 4: Construction Implementation Subtask 4.4	60	\$60	\$3,600
Restoration Ecologist	Task 4: Construction Implementation Subtask 4.4	80	\$68	\$5,984
Project Technician	Task 4: Construction Implementation Subtask 4.4	40	\$61	\$2,440
Executive Director	Task 4: Construction Implementation Subtask 4.4	18	\$86	\$1,548
Mileage	Task 4: Construction Implementation Subtask 4.4	1408	.50/mile	\$704
Hand Removal by Supervisor	Task 4: Construction Implementation Subtask 4.4	190	\$55	\$10,450
Hand Removal by Crew Leader	Task 4: Construction Implementation Subtask 4.4	250	\$45	\$11,250
Hand Removal by Technician	Task 4: Construction Implementation Subtask 4.4	333	\$40	\$13,320
Project Technician	Task 4: Construction Implementation Subtask 4.4	50	\$61	\$3,050
Restoration Ecologist	Task 4: Construction Implementation Subtask 4.4	99	\$68	\$6,732
Targeted Spraying by Pesticide Application	Task 4: Construction Implementation Subtask 4.5	315	\$40	\$12,600
Targeted Spraying by Project	Task 4: Construction Implementation	230	\$55	\$12,650

Supervisor	Subtask 4.5			
Project Technician	Task 4: Construction Implementation	68	\$61	\$4,148
	Subtask 4.5			
Restoration Ecologist	Task 4: Construction Implementation	90	\$68	\$6,120
	Subtask 4.5			
Mileage	Task 4: Construction Implementation	485 miles	.50/mile	\$242.50
	Subtask 4.5			
Revegetation and Erosion Control	Task 4: Construction Implementation			\$25,000
	Subtask 4.6			
Hand Removal by Supervisor (match)	Task 4: Construction/ Implementation (Hand removal of Arundo)	273	\$55	\$15,000
Heavy equipment operator (match)	Task 4: Construction/ Implementation (Mechanical removal of Arundo)	(lump sum)		\$15,000
Restoration Ecologist (match)	Task 4: Construction/ Implementation (Implementation of Revegetation work)	148	\$68	\$10,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$199,838.50

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Restoration Ecologist	Task 5: Project Performance Monitoring	74.5	\$68	\$5,066
Project Technician	Task 5: Project Performance Monitoring	81	\$61	\$4,941
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$10,007

Row (f) Construction Administration (N/A)					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor					
Labor					
Equipment					
Supplies					
Travel					
Other					
Total					

Row (g) Other Costs (N/A)				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (h) Construction/Implementation Contingency (N/A)	

396 - The Copeland Creek Watershed Detention/Recharge, Habitat Restoration, and Steelhead Refugia Project, Sonoma County Water Agency

Budget						
Project Title: The Copeland Creek Watershed Detention/Recharge, Habitat Restoration, and Steelhead Refugia Project						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs		\$45,450		\$45,450	0%
(b)	Land Purchase/Easement		\$0		\$0	0%
(c)	Planning/Design/Engineering & Environmental Documentation		\$350,568		\$350,568	0%
(d)	Construction/ Implementation	\$250,000	\$555,118		\$805,118	31%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor		\$0		\$0	0%
(f)	Construction Administration		\$48,864		\$48,864	0%
(g)	Other Costs: Labor		\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$83,333	\$0		\$83,333	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$333,333	\$1,000,000	\$0	\$1,333,333	25%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Sonoma County Water Agency.	June 1, 2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Principal Engineer	70	\$185		\$12,950

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Water Agency Engineer	80	\$132		\$10,560
Labor	Sr Env. Specialist	70	\$118		\$8,260
Labor	Water Agency Coordinator	80	\$171		\$13,680
Equipment					\$0.00
Supplies					\$0.00
Travel					\$0.00
Other					\$0.00
Total					\$45,450
* What is the percentage based on (including total amounts)?		NA (Note: Project Management Costs represent 4% of total project costs)			

Row (b) Land Purchase/Easement
Sonoma County Water Agency (Applicant) has access easement to Copeland Creek. \$0.00.

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Principal Engineer	Conceptual Design	40	\$185		\$7,400
Civil/Electrical Engineer		100	\$132		\$13,200
Drafting		40	\$106		\$4,240
Technical Writing		40	\$114		\$4,560
Consultant - Principal Engineer		24	\$310		\$7,440
Consultant - Project Manager		100	\$267		\$26,700

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Consultant - Engineer		160	\$175		\$28,000
Principal Engineer	30% Design	40	\$185		\$7,400
Civil/Electrical Engineer		100	\$132		\$13,200
Drafting		40	\$106		\$4,240
Technical Writing		40	\$114		\$4,560
Surveying - 2 man crew		32	\$103		\$3,296
Consultant - Principal Engineer		24	\$310		\$7,440
Consultant - Project Manager		100	\$267		\$26,700
Consultant - Engineer		160	\$175		\$28,000
Consultant-Geotechnical Engineer		380	\$150		\$57,000
Civil/Electrical Engineer	CEQA Documentation - Complete Initial Study and Focused Field Studies, Begin Alternatives and Impacts Analysis	12	\$132		\$1,584
Principal Environmental Specialist		16	\$132		\$2,112
Senior Environmental Specialist		20	\$106		\$2,120
Environmental Specialist		40	\$114		\$4,560
Consultant - Senior Env Specialist		80	\$300		\$24,000
Consultant - Env Specialist		140	\$150		\$21,000
Principal Environmental Specialist	Permitting/CEQA for Sediment Removal	40	\$146		\$5,840
Senior Environmental Specialist		160	\$118		\$18,880
Environmental Specialist		200	\$105		\$21,000
Land Surveyor	ROW	10	\$134		\$1,340
County Counsel		18	\$175		\$3,150
Right-of-Way Agent		14	\$118		\$1,606
Total					\$350,568

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Landscape Labor Crew (10)	Habitat Enhancement and Restoration	13,440	\$24.15	\$324,576
Supervisor (1)	Habitat Enhancement and Restoration	1,344	\$46.00	\$61,824
Lead Maintenance Worker	Sediment Removal/Channel Improvements	191	\$107.00	\$20,437
Crew (4) w/Eqpt	Sediment Removal/Channel Improvements	1,704	\$123.00	\$209,534
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Native Plants	Habitat Enhancement and Restoration	14,560	\$4.50	\$65,520
Planting Hardware		14,560	\$3.00	\$43,680
Poison Oak Suits		40	\$10.00	\$400
Chipper		12 days	\$300.00	\$3,600
Dump Trucks (2)		5 days	\$175.00	\$875
Chain Saws		84 days	\$8.00	\$672
Invasive Plant Disposal	Habitat Enhancement and Restoration	20 loads	\$10/load	\$200
Sediment Lab Testing	Sediment Removal/Channel Improvements	12 samples	\$2,000/sample	\$24,000
Sediment Disposal	Sediment Removal/Channel Improvements	11,000 cy	\$4.36/cy	\$48,000
Total				\$805,118

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
				\$0.00
Materials and	Work Task and Sub-Task	Number	Unit Cost	

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Equipment	(from Work Task Table)	of Units		
				\$0.00
Total				\$0.00

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	Water Agency Coordinator	160	\$ 171		\$27,360
Labor	Lead Maintenance Worker	201	\$ 107		\$21,504
Equipment/ Supplies					\$0.00
Travel					\$0.00
Total					\$48,864

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
				\$0.00
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
				\$0.00
Total				\$0.00

Row (h) Construction/Implementation Contingency	
\$83,333 (10% contingency on construction costs)	

B. Klamath WMA

289 - Camp Creek Habitat Protection-Road Decommissioning Implementation Project, Karuk Tribe

Budget						
Project Title: Camp Creek Habitat Protection-Road Decommissioning Implementation Project						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs		3,543		3,543	
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation		1,771		1,771	
(d)	Construction/ Implementation	75,000	273,925		348,925	
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor (permitting)		5,000		5,000	
(f)	Construction Administration (Tribal IDC)		15,761		15,761	
(g)	Other Costs: Labor					
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	75,000	300,000		375,000	20%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
EPA 319h NPS.	06/2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Restoration Coordinator	80	\$30.15 inc. fringe		\$2,412
Labor					

Equipment					
Supplies					
Travel					
Other Karuk Tribe Indirect Cost Rate (IDC): 56.53 % on wages only					\$1,131
Total					\$ 3,543
* What is the percentage based on (including total amounts)?		Based only on wages of \$2,000			
* How was the percentage of cost determined?		Federally Negotiated rate of 56.53%			

Row (b) Land Purchase/Easement

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Restoration Coordinator	90% Design, Final Design and Tribal/USFS Cooperative Agreement	40	\$30.15 inc. fringe		\$1,206
Tribal IDC on Wages Only of \$1,000					\$565
Total					\$1,771
Rationale used to determine the contingency percentage.					

Row (d) Construction/Implementation					
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost	

Coordinator	Road Decommissioning Implementation	40	\$30.15 inc. fringe	\$1,206
Heavy Equip. Operator (Excavator)	Road Decommissioning Implementation	112	\$60.77 inc. fringe	\$6,806
Heavy Equip. Operator (Dozer)	Road Decommissioning Implementation	112	\$60.77 inc. fringe	\$6,806
Laborer	Road Decommissioning Implementation	112	\$44.03 inc. fringe	\$4,931
Laborer	Road Decommissioning Implementation	112	\$44.03 inc. fringe	\$4,931
Laborer	Road Decommissioning Implementation	112	\$44.03 inc. fringe	\$4,931
Laborer	Road Decommissioning Implementation	112	\$44.03 inc. fringe	\$4,931
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Heavy Equipment Rental/Lease; 325DI Excav D6 Dozer	Road Decommissioning Implementation	2	\$140,000	\$280,000
Supplies, Material (Native grass seed, chainsaw supplies, safety gear, riprap)	Road Decommissioning Implementation	2 Field Seasons	\$17,242	\$34,383
Total				\$348,925

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Humboldt County	Labor Compliance			\$5,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	

Total				\$5,000

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Tribal IDC of 56.53% on Wages Only				4.2	\$15.761
Labor					
Equipment					
Supplies					
Travel					
Total					\$15,761
What is the percentage based on (including total amounts)?		56.53% based on wages of \$27,880			
How was the percentage of cost determined?		Federally Negotiated rate of 56.53%			

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (h) Construction/Implementation Contingency

311 - Indian Creek Sewer Pipeline Crossing, Happy Camp Sanitary District

Budget						
Project Title: Indian Creek Sewer Pipeline Crossing						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$25,000	\$5,000	\$0	\$30,000	83%
(b)	Land Purchase/Easement	\$0	\$2,000	\$0	\$2,000	0%
(c)	Planning/Design/Engineering & Environmental Documentation	\$172,476	\$0	\$0	\$172,476	100%
(d)	Construction/ Implementation	\$147,524	\$433,313	\$0	\$580,837	25%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	\$7,000	\$0	\$0	\$7,000	100%
(f)	Construction Administration	\$2,000	\$20,107	\$0	\$22,107	9%
(g)	Other Costs: Labor	\$1,000	\$0	\$0	\$1,000	100%
(h)	Construction/Implementation Contingency	\$0	\$81,580	\$0	\$81,580	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$355,000	\$542,000	\$0	\$897,000	40%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Indian Health Service Sanitation Deficiency System Grant for Planning - Evaluation Study (U.S. Environmental Protection Agency Clean Water Act Tribal Set-Aside Federal Funds) (\$47,000 for Planning/Design/Engineering & Environmental Documentation)	11/2010
Indian Health Service (IHS) Sanitation Deficiency System Grant for Project (Either Indian Health Service Regular Federal Funds or U.S. Environmental Protection Agency (EPA) Clean Water Act Tribal Set-Aside Federal Funds) (\$265,000)	06/2011
Indian Health Service Program Funds for Project Engineer/Project Manager Salary (Estimated Value of In-Kind Services (donated services from non-state source)) (Federal Funds) (\$30,000 = \$23,000 for Project Management + \$7,000 for Environmental Compliance/Mitigation/Enhancement)	06/2011
Karuk Tribe Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Tribal (non-State) Funds) (\$1,000)	06/2011
Happy Camp Sanitary District Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Local Funds) (\$12,000 = \$1,000 for Project Management + \$10,000 for Construction/Implementation (construction inspection) + \$1,000 for Other Costs (legal review))	06/2011

<p>Per current Indian Health Service Guidance:</p> <p>Since State funds are anticipated to be provided for this project and the Happy Camp Sanitary District is obligated to follow State requirements for construction contracting, California Prevailing Wage Determination Requirements would apply. Since Indian Health Service Regular (Federal) Funds or U.S. Environmental Protection Agency Clean Water Act Tribal Set-Aside (Federal) Funds are anticipated to be provided for this project, Davis-Bacon (Federal Labor) Wage Rates would also apply. IHS guidance indicates that in this case, the higher of the two wage rate determinations would take precedence (most probably California Prevailing Wage Determination Requirements).</p>	
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Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
IHS Project Management (Estimated Value of In-Kind Services (donated services from non-state source))	General estimate based on approximately 20% of Project Engineer salary over approximately 17 months (1.1 Project Management, 1.2 Quarterly Reports, 1.3 Final Report)				\$23,000
Karuk Tribe Participation (Estimated Value of In-Kind Services (donated services from non-state source))	Nominal estimate based on required participation/project representation by the Tribe per Indian Health Service Memorandum of Agreement (1.1 Project Management)				\$1,000
Happy Camp Sanitary District Participation (Estimated Value of In-Kind Services (donated services from non-state source))	Nominal estimate based on required participation/project representation by the District per Indian Health Service Memorandum of Agreement (1.1 Project Management)				\$1,000
NCIRWMP Grant Funds	Estimate based on costs for Labor Compliance Monitoring (1.1 Project Management) (Funds for these items are normally incorporated into the				\$5,000

	Construction/Implementation budget, but are shown separately here for reporting purposes. See also Row (d), Construction/Implementation, Work Task 4.3, Project Construction, Subtask Line Item, Other Appurtenances.)				
Total					\$30,000

Row (b) Land Purchase/Easement					
<p>\$2,000 – (1.4 Land purchase/easement) Caltrans and Siskiyou County Encroachment Permits will be required. Funds for these items are normally incorporated into the Construction/Implementation budget, but are shown separately here for reporting purposes. See also Row (d), Construction/Implementation, Work Task 4.3, Project Construction, Subtask Line Item, Other Appurtenances.</p>					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
General estimate based on similar projects of this size and cost	2.1 CEQA Development, 2.2 NEPA Development/Permit Development - Cultural/Environmental Documentation				\$30,000
Project budget for planning study, including IHS technical support	3.1 Planning – Feasibility Study				\$47,000
General estimate from engineer consultant	3.2 Ground Design Survey				\$10,000
General estimate from engineer consultant	3.3 Geotechnical Services				\$8,000
General estimate from engineer consultant	3.4 Preliminary Engineering Design Report				\$10,000
General estimate from engineer consultant	3.5 25% Design/Plans, 3.6 90% Design/Plans, and 3.7 100% Design/Plans - Architect/Engineer (A/E) Design Development Services				\$38,000

General estimate for engineering design support reduced by estimate for A/E Design Development Services	3.1 – 3.7 All planning/design/engineering & environmental documentation tasks (except 3.8 Other Costs – Legal Review Costs) - Indian Health Service Project Technical Support				\$29,476
Total					\$172,476
Rationale used to determine the contingency percentage.		n/a			

Row (d) Construction/Implementation					
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost	
General estimate from project cost estimate including labor, materials, equipment, overhead	4.3 Project Construction (See subtask breakdown for detailed cost estimate below)				
	Sewer Bridge Pipeline Crossing			\$240,000	
	Temporary Bridge Scaffolding			\$30,000	
	Temporary Sewer Bypass, Pump, & Appurtenances			\$5,000	
	Traffic Control (during construction)			\$5,000	
	Lift Station Structure and Equipment			\$90,000	
	Lift Station Electrical Equipment and Controls			\$50,000	
	Lift Station Emergency Diesel Generator			\$20,000	
	Sewer Main (underground)			\$25,000	
	Manhole			\$5,000	
	Sewer Connections to Existing System			\$6,000	
	Abandonment of Existing Sewer Siphon, Creek Sewer Crossing, and Sewer Main (includes removal of creek sewer crossing and minor creek restoration)			\$30,000	

	Fencing and Gates			\$10,000
	Erosion and Sediment Control			\$20,000
	Other Appurtenances (Notes: (1) Costs for encroachment permits are normally included in this item. This line item was reduced by \$2,000 and the \$2,000 is shown under Row (b) Land Purchase/Easement for reporting purposes. (2) This line item was also reduced by \$5,000 and the \$5,000 is shown under Row (a) Project Management for Labor Compliance Monitoring for reporting purposes)			\$3,000
General estimate from engineer consultant	4.4 Construction Management and Inspection - Architect/Engineer (A/E) Engineering Construction Support			\$13,000
General estimate for construction inspection reduced by estimate for A/E Design Engineering Construction Support	4.4 Construction Management and Inspection - Indian Health Service Construction Inspection, Work includes 4.5 Project Closeout			\$18,837
General estimate for Happy Camp Sanitary District Participation (Estimated Value of In-Kind Services (donated services from non-state source))	4.4 Construction Management and Inspection – Happy Camp Sanitary District Construction Inspection			\$10,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs included with personnel costs in cost estimates above			
Total				\$580,837

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Nominal estimate based	2.3 Permit Development			\$7,000

on permitting development work for past projects				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs included with personnel costs in cost estimates above			
Total				\$7,000

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Construction Contracting/ Construction Administration	4.1 Construction contracting, 4.2 Construction Administration, 5.1 Pre-Project Photo Documentation, 5.2 Post-Project Photo Documentation, and 5.3 TERO and Indian Preference Documentation				\$22,107
Total					\$22,107
What is the percentage based on (including total amounts)?		Fee is based on 3% of Planning/Design/Engineering & Environmental Documentation contracts and Construction contract			
How was the percentage of cost determined?		The standard 3% percentage was used, based on Indian Health Service estimating procedure. Since Tribal contract administrative fees (\$2,000) for the Karuk Tribe are considered eligible for IHS funding and non-Tribal contract administrative fees (\$20,107) for the Happy Camp Sanitary District are considered ineligible for IHS funding, costs were allocated between the funding columns in Table B-1 accordingly.			

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Happy Camp Sanitary District Legal Review Costs (Estimated Value of In-Kind Services (donated services from non-state source))	3.8 Other Costs – Legal Review Costs			\$1,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs included with personnel costs in cost estimates above			
Total				\$1,000

Row (h) Construction/Implementation Contingency
\$81,580 (\$81,900 Based on approximately 15% of Construction/Implementation Costs without including Construction Management and Inspection Costs. Additionally, \$320 was subtracted due to rounding of \$542,320 to final IRWM grant request of \$542,000.)

306 - Water Treatment System Upgrade, Happy Camp Community Services District

Budget						
Project Title: Happy Camp Water Treatment System Upgrade						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$25,000	\$5,000	\$0	\$30,000	83%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	n/a
(c)	Planning/Design/Engineering & Environmental Documentation	\$102,323	\$0	\$0	\$102,323	100%
(d)	Construction/ Implementation	\$119,677	\$192,845	\$0	\$312,522	38%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	\$2,000	\$0	\$0	\$2,000	100%
(f)	Construction Administration	\$1,000	\$11,242	\$0	\$12,242	8%
(g)	Other Costs: Labor	\$1,000	\$0	\$0	\$1,000	100%
(h)	Construction/Implementation Contingency	\$0	\$43,913	\$0	\$43,913	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$251,000	\$253,000	\$0	\$504,000	50%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Indian Health Service Sanitation Deficiency System Grant for Planning - Evaluation Study (Federal Funds) (\$19,000 for Planning/Design/Engineering & Environmental Documentation)	06/2010
Indian Health Service Sanitation Deficiency System Grant for Project (Federal Funds) (\$194,000)	06/2011
Indian Health Service Program Funds for Project Engineer/Project Manager Salary (Estimated Value of In-Kind Services (donated services from non-state source)) (Federal Funds) (\$25,000 = \$23,000 for Project Management + \$2,000 for Environmental Compliance/Mitigation/Enhancement)	06/2011
Karuk Tribe Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Tribal (non-State) Funds) (\$1,000)	06/2011
Happy Camp Community Services District Participation in Project (Estimated Value for In-Kind Services (donated services from non-state source)) (Local Funds) (\$12,000 = \$1,000 for Project Management + \$10,000 for Construction/Implementation (construction inspection) + \$1,000 for Other Costs (legal review))	06/2011
Per current Indian Health Service Guidance:	

Since State funds are anticipated to be provided for this project and the Happy Camp Community Services District is obligated to follow State requirements for construction contracting, California Prevailing Wage Determination Requirements would apply. Since Indian Health Service Regular (Federal) Funds are anticipated to be provided for this project, Davis-Bacon (Federal Labor) Wage Rates would also apply. IHS guidance indicates that in this case, the higher of the two wage rate determinations would take precedence (most probably California Prevailing Wage Determination Requirements).	
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Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
IHS Project Management (Estimated Value of In-Kind Services (donated services from non-state source))	General estimate based on approximately 20% of Project Engineer salary over approximately 17 months (1.1 Project Management, 1.2 Quarterly Reports, 1.3 Final Report)				\$23,000
Karuk Tribe Participation (Estimated Value of In-Kind Services (donated services from non-state source))	Nominal estimate based on required participation/project representation by the Tribe per Indian Health Service Memorandum of Agreement (1.1 Project Management)				\$1,000
Happy Camp Community Services District Participation (Estimated Value of In-Kind Services (donated services from non-state source))	Nominal estimate based on required participation/project representation by the District per Indian Health Service Memorandum of Agreement (1.1 Project Management)				\$1,000
NCIRWMP Grant Funds	Estimate based on costs for Labor Compliance Monitoring (1.1 Project Management) (Funds for these items are normally incorporated into the Construction/Implementation budget, but are shown separately here for reporting				\$5,000

	purposes. See also Row (d), Construction/Implementation, Work Task 4.3, Project Construction, Subtask Line Item, Other Appurtenances.)				
Total					\$30,000
* What is the percentage based on (including total amounts)?		n/a			
* How was the percentage of cost determined?		n/a			

Row (b) Land Purchase/Easement					
\$0 – (1.4 Land purchase/easement) no land purchase or easements required for project					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
General estimate based on similar projects of this size and cost	2.1 CEQA Development, 2.2 NEPA Development/Permit Development - Cultural/Environmental Documentation				\$15,000
Project budget for planning study, including IHS technical support	3.1 Planning – Evaluation Study				\$19,000
General estimate from engineer consultant	3.2 Ground Design Survey				\$15,000
General estimate from engineer consultant	3.3 Geotechnical Services				\$5,000
General estimate from engineer consultant	3.4 Preliminary Engineering Design Report				\$12,000
General estimate from engineer consultant	3.5 25% Design/Plans, 3.6 90% Design/Plans, and 3.7 100% Design/Plans - Architect/Engineer (A/E) Design				\$20,000

	Development Services				
General estimate for engineering design support reduced by estimate for A/E Design Development Services	3.1 – 3.7 All planning/design/engineering & environmental documentation tasks (except 3.8 Other Costs – Legal Review Costs) - Indian Health Service Project Technical Support				\$16,323
Total					\$102,323
Rationale used to determine the contingency percentage.		n/a			

Row (d) Construction/Implementation					
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost	
General estimate from project cost estimate including labor, materials, equipment, overhead	4.3 Project Construction (See subtask breakdown for detailed cost estimate below)				
	New Roughing Filter			\$205,000	
	Existing Pressure Filter Inspection			\$10,000	
	Existing Wetwell Pump Station Mechanical Modifications (including new pumps)			\$20,000	
	Existing Wetwell Pump Station Electrical Modifications and Relocation			\$15,000	
	Site Piping and Tie-Ins			\$10,000	
	Supervisory Control and Data Acquisition (SCADA) Upgrade			\$7,500	
	Backwash Pond Modifications and Rehabilitation			\$15,000	
	Erosion and Sediment Control			\$3,000	
	Other Appurtenances (Note: This line item was reduced by \$5,000 and the \$5,000 is shown under Row (a) Project Management for Labor Compliance Monitoring for reporting purposes)			\$0	

General estimate from engineer consultant	4.4 Construction Management and Inspection - Architect/Engineer (A/E) Engineering Construction Support			\$7,000
General estimate for construction inspection reduced by estimate for A/E Design Engineering Construction Support	4.4 Construction Management and Inspection - Indian Health Service Construction Inspection, Work includes 4.5 Project Closeout			\$10,022
General estimate for Happy Camp Community Services District Participation (Estimated Value of In-Kind Services (donated services from non-state source))	4.4 Construction Management and Inspection – Happy Camp Community Services Construction Inspection			\$10,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs included with personnel costs in cost estimates above			
Total				\$312,522

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Nominal estimate based on requirement to verify no permits required for the project	2.3 Permit Development			\$2,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs			

	included with personnel costs in cost estimates above			
Total				\$2,000

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Construction Contracting/ Construction Administration	4.1 Construction contracting, 4.2 Construction Administration, 5.1 Pre-Project Photo Documentation, 5.2 Post-Project Photo Documentation, and 5.3 TERO and Indian Preference Documentation				\$12,242
Total					\$12,242
What is the percentage based on (including total amounts)?		Fee is based on 3% of Planning/Design/Engineering & Environmental Documentation contracts and Construction contract			
How was the percentage of cost determined?		The standard 3% percentage was used, based on Indian Health Service estimating procedure. Since Tribal contract administrative fees (\$1,000) for the Karuk Tribe are considered eligible for IHS funding and non-Tribal contract administrative fees (\$11,242) for the Happy Camp Community Services District are considered ineligible for IHS funding, costs were allocated between the funding columns in Table B-1 accordingly.			

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Happy Camp Community Services District	3.8 Other Costs – Legal Review Costs			\$1,000

Legal Review Costs (Estimated Value of In-Kind Services (donated services from non-state source))				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	n/a – materials and equipment costs included with personnel costs in cost estimates above			
Total				\$1,000

Row (h) Construction/Implementation Contingency
\$43,913 (\$43,575 Based on approximately 15% of Construction/Implementation Costs without including Construction Management and Inspection Costs. Additionally, \$338 was added due to rounding of \$252,662 to final IRWM grant request of \$253,000.)

C. North Coast Rivers WMA

408 - Del Norte Agricultural Enhancement Program, Del Norte Resource Conservation District

Budget						
Project Title: Del Norte Agricultural Enhancement Program						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs		12,500		\$12,500	
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	24,000	12,000		\$36,000	67%
(d)	Construction/ Implementation	216,000	225,500		\$441,500	49%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration					
(g)	Other Costs: Labor					
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	240,000	250,000		\$490,000	49%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Environmental Quality Incentives Program.	June 2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	RCD Project Manager	200	\$50		\$10,000
Equipment					
Supplies					

Travel					
Other					2,500
Total					\$12,500

Row (b) Land Purchase/Easement					
None					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
RCD Project Manager	Environmental Documentation	50	\$50		\$2,500
RCD Project Manager	Planning/Design Coordination	50	\$50		\$2,500
Planner	Preliminary Design	300	\$80		\$24,000
County Planner	Environmental Review Coastal Development Grading Permit	47	\$80		\$3,780
Total					36,000

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task	Number of Hours	Hourly Wage	Total Cost
Project Manager	Project Construction	250	\$50	\$12,500
Manure Handling System - Self Labor (in-kind)	Project Construction			\$216,000
Materials and Equipment	Work Task and Sub-Task	Number of Units	Unit Cost	
Manure Handling System Materials: Concrete, Piping, Supplies	Project Construction			\$213,000
Total				\$441,500

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor					
Other					
Total					

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (h) Construction/Implementation Contingency	
None	

352 - Gualala River Sediment Reduction Program, Gualala River Watershed Council

Budget						
Project Title: 352-Gualala River Sediment Reduction						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$0	\$31,484.51	\$0	\$ 31,484.51	0%
(b)	Land Purchase/Easement	n/a	n/a	n/a	n/a	n/a
(c)	Planning/Design/Engineering & Environmental Documentation	\$5,000.00	\$17,063.49	\$0	\$22,063.49	23%
(d)	Construction/ Implementation	\$280,840.01	\$414,645.67	\$0	\$695,485.68	40%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	n/a	n/a	n/a	n/a	n/a
(f)	Construction Administration	\$0	\$6,383.33	\$0	\$6,383.33	0%
(g)	Other Costs: Labor	\$22,440.00	\$130,423.00	\$0	\$152,863.00	15%
(h)	Construction/Implementation Contingency	n/a	n/a	n/a	n/a	n/a
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$308,280.01	\$600,000.00	\$0	\$908,280.01	34%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
C. Planning/Design/Engineering & Environmental Documentation \$ 5,000.00: for road restoration 1600 permit provided by landowner, Gualala Redwoods, Inc.	6/2011
D. Construction/Implementation \$ 224,247.90: 30% of construction costs provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc. \$2,557.00: Straw and ground covering provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc. \$25,559.11: 1,161 cubic yard of rock provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc. \$13,876.00: Culverts provided by landowners, Gualala Redwoods, Inc. & Mendocino	6/2011

<p>Redwoods, Inc.</p> <p>\$12,000.00: 100MBF of Large Wood @ \$120.00 per MBF provided by landowner, Gualala Redwoods, Inc.</p> <p>\$ 2,600.00: 40hrs of GIS Specialist contract services @ \$65.00 per hour provided by landowner, Gualala Redwoods, Inc.</p> <p>Total : \$280,840.01 provided by landowners, Gualala Redwoods, Inc. & Mendocino Redwoods, Inc.</p>	
<p>G. Other Costs: Labor</p> <p>\$9,440.00: 2010 GRWC partial salary (non-state) for Scientific Field Technician</p> <p>\$13,000 : Partial GRWC cost for USGS Gauges 2010 – 2011</p> <p>Total : \$22,440.00 GRWC non-state match</p>	12/2010

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	GRWC Project Coordinator	520	25.76		13395.20
Labor	Staff Benefits @ 18%				2411.14
Administrative Overhead				2%	10678.17
Other	Labor Compliance				5000.00
Total					31484.51
* What is the percentage based on (including total amounts)?		Percent is based on flat 2% rate of non-match (d) Construction Implementation: only subcontractor costs (403,485.81) and (g) Other: Costs (130423.00).			
* How was the percentage of cost determined?		Costs are based on past projects and include pro-rated amounts for: Insurance, Clerical and Accounting, computer maintenance, General Office supplies, etc.			

Row (b) Land Purchase/Easement
n/a

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Environmental Planner	2.0 Environmental Documentation 2.3, 2.4, 2.5	160	25.76		4121.60
Staff Benefits @ 18%	2.0 Environmental Documentation 2.3, 2.4, 2.5				741.89
Consultant: Road re-evaluation 6 miles @ \$1200.00 per mile	3. Planning/ Design 3.1, 3.2				7200.00
DFG 1600 Permit Cost	2.0 Environmental Documentation 2.3, 2.4, 2.5				10000.00
Total					22063.49

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Scientific Technicians	4.0 Construction/Implementation 4.1, 4.2, 4.4, 4.5	320	20	6400.00
Staff Benefits @ 18%	4.0 Construction/Implementation 4.1, 4.2, 4.4, 4.5			1152.00
Principal Geologist-PWA	4.0 Construction/Implementation 4.4, 4.5	300	110	33000.00
GIS Specialist	4.0 Construction/Implementation	80	65	5200.00

	4.1, 4.4, 4.5			
Construction Laborers	4.0 Construction/Implementation 4.3	207	54.47	10145.94
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Excavator	4.0 Construction/Implementation 4.3	1375	162.21	222681.74
D-6 tractor	4.0 Construction/Implementation 4.3	1460	135.29	197296.03
Grader	4.0 Construction/Implementation 4.3	20	113.84	2293.51
Pilot Car	4.0 Construction/Implementation 4.3	10	70	708.48
Dump Truck	4.0 Construction/Implementation 4.3	1010	113.84	114994.00
Compactor	4.0 Construction/Implementation 4.3	26	70	1828.29
Water Truck	4.0 Construction/Implementation 4.3	107	113.84	12185.72
Rock (1161.78 yds @ \$22.00 per yds)	4.0 Construction/Implementation 4.3			25559.11
Culverts (40'/18 100'/24" 60'/30" 120'/36" 60'/42" 120'/48")	4.0 Construction/Implementation 4.3			13876.00
Mulch, seeds & straw for disturbed ground (bulk)	4.0 Construction/Implementation 4.3			2557.00
Large Wood: Non- Merchantable Logs	4.0 Construction/Implementation			12000.00

(100MBF @ \$120 per MBF)	4.3			
Large Wood: Heavy Equipment Operator (100MBF @ \$300.00 per MBF)	4.0 Construction/Implementation 4.3			30000.00
Equipment/Supplies	4.0 Construction/Implementation 4.3			1063.86
Lodging/per diem 6 days @ \$124.00 per day	4.0 Construction/Implementation 4.4, 4.5			744.00
Mileage 3600 miles @ \$0.50 per mile	4.0 Construction/Implementation 4.4, 4.5			1800.00
Total				695485.68

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	Construction Project Manager	210	25.76		5409.60
Labor	Staff Benefits @ 18%				973.73
Total					6383.33

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Scientific Technicians	5.0 Project Performance Monitoring 5.2, 5.3, 5.4	5300	20	106000.00
Scientific Intern	5.0 Project Performance Monitoring 5.2, 5.3, 5.4	480	10	4800.00
Staff Benefits @ 18%	5.0 Project Performance Monitoring 5.2, 5.3, 5.4			19944.00
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
USGS Gauges	5.0 Project Performance Monitoring 5.2, 5.3, 5.4			13000.00
Equipment	5.0 Project Performance Monitoring 5.2, 5.3, 5.4			9119.00
Total				152,863.00

Row (h) Construction/Implementation Contingency				

444 - Mattole Integrated Watershed Management Initiative, Mattole Restoration Council

Budget						
Project Title: <u>Mattole Integrated Watershed Management Initiative</u>						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$12,000	\$14,998	\$0	\$26,998	44%
(b)	Land Purchase/Easement	n/a	n/a	n/a	n/a	n/a
(c)	Planning/Design/Engineering & Environmental Documentation	\$30,423	\$4,082	\$0	\$34,505	88%
(d)	Construction/ Implementation	\$219,965	\$234,615	\$101,188	\$555,768	40%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	n/a	n/a	n/a	n/a	n/a
(f)	Construction Administration	\$12,010	\$26,790	\$0	\$38,800	31%
(g)	Other Costs: Labor	\$69,378	\$18,015	\$292	\$87,685	79%
(h)	Construction/Implementation Contingency	\$0	\$1,500	\$9,000	\$10,500	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$343,776	\$300,000	\$110,480	\$754,256	46%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
NOAA.	7/1/2012
US EPA – 319h.	9/30/2008
Bonneville Environmental Foundation.	11/1/2009
National Fish and Wildlife Foundation.	1/1/2009
AmeriCorps – National Civilian Community Corps.	1/1/2011
California Department of Fish and Game.	3/1/2011
State Coastal Conservancy.	6/28/2010
Mattole Salmon Group: donated services	n/a

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Contract Management	147	\$34	n/a	\$14,998
Other	Rent				\$12,000
Total					\$26,998

Row (b) Land Purchase/Easement

Row (b) Land Purchase/Easement

Row (c) Planning/Design/Engineering & Environmental Documentation

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
SWRCB permit	2.6, 4.2	7	\$250		\$1,750
County tank permit	2.7, 4.2	7	\$1,300		\$9100
County grading permit	2.7, 4.2	7	\$375		\$2,625
DFG 1602 agreement	2.3	7	\$840		\$5,880
Forbearance recordation fees	2.10	7	\$200		\$1,400
Property chain of title	2.11	7	\$500		\$3,500
Flood plain certificates	2.8	7	\$750		\$5,250
DFG 1600	2.3	1	\$840		\$840

NOAA Section 10	2.9	1	\$4160		\$4160
Total					\$34,505
Rationale used to determine the contingency percentage.					

Rows (d) Construction/Implementation

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Riparian Project Coordinator	4.3, 4.4	300	\$35	\$10,500
Laborer	4.3, 4.4	1100	\$62	\$68,200
Nursery Manager	4.3	200	\$27	\$5,400
Project Manager	4.5	53	\$160	\$8,480
Program Assistant	4.5	39	\$80	\$3,120
Hatchery Manager	4.5	72	\$200	\$14,400
Fisheries Biologist	4.5	78	\$180	\$14,040
Laborer I	4.5	72	\$90	\$6,480
Laborer II	4.5	64	\$110	\$7,040
Resource Coordinator	4.5	32	\$25	\$800
Tank Project Manager	4.2	80	\$60	\$4,800
Tank Project Coordinator	4.2	450	\$60	\$27,000
Tank Laborers	4.2	72	\$90	\$6,480
Pipe Installers	4.2	72	\$90	\$6,480
Trencher Operator	4.2	36	\$102	\$3,672

Engineer	4.2	10	\$140	\$1,400
Tank installation crew	4.2	75	\$90	\$6,750
Electrician & Plumber	4.2	117	\$75	\$8,775
Tank Laborers	4.2	45	\$86	\$3,870
Bulldozer operator	4.2	25	\$200	\$5,000
Heavy equipment transporter	4.2	45	\$150	\$6,750
Trencher	4.2	12	\$120	\$1,440
Dump truck operator	4.2	44	\$180	\$7,920
Invasive Project Coordinator	4.6	105	\$26.40	\$2,772
Invasive Field Crew	4.6	90	18	\$1,620
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Mileage	4.3, 4.4	3000	\$0.51	\$1,500
Nursery Rental	4.3	2	\$2,000	\$4,000
Douglas Fir Styro15	4.3	8000	\$0.45	\$3,600
Chicken Wire Tree Protection	4.3	500	\$1.50	\$750
Vexar Tree Protection	4.3	4000	\$0.50	\$2,000
Bamboo	4.3	8000	\$0.14	\$1,120
Tree delivery	4.3	2	\$533	\$1,066
Gas	4.3	600	\$4	\$2,400
ATV rental	4.3	8	\$25	\$200

Nursery supplies	4.3	1	\$500	\$500
Recovery rearing equipment (e.g. water pump, YSI meter, flow meter, pit tag antennas and wands, generators)*	4.5	n/a	n/a	\$9,000
Recovery rearing supplies (e.g. tanks, troughs, plumbing, calibration supplies, pit tags, fish food, filter supplies, dive gear, trap gear, traps, pond liners)*	4.5	n/a	n/a	\$27,000
Mileage	4.5	5000	\$0.50	\$2,500
Invasive supplies (gloves, weed wrench repair)	4.6	n/a	n/a	\$108
Mileage	4.6	1000	\$0.50	\$500
50,000 gallon pioneer water tank	4.2	7	\$25,500	\$178,500
1,300 gallon tank	4.2	6	\$865	\$5,190
Source Pump Retrofit	4.2	7	\$1,200	\$8,400
Pressure Pump	4.2	7	\$ 1,400	\$9,800
2,000 ft plastic pipe	4.2	7	\$1,700	\$11,900
Safety manifold & valves	4.2	7	\$2,000	\$14,000
Fish screen	4.2	7	\$ 600	\$4,200
Water clarity filters	4.2	14	\$ 250	\$3,500

Electrical controls and parts	4.2	7	\$500	\$3,500
Water meter	4.2	7	\$350	\$2,450
Flow meter	4.2	7	\$750	\$5,250
Concrete	4.2	84	\$135	\$11,340
Sand (per yard)	4.2	280	\$37	\$10,360
Gravel (per yard)	4.2	35	\$30	\$1,050
Plywood & misc form materials	4.2	112	\$35	\$3,920
Mulch and erosion control	4.2	7	\$150	\$1,050
Miscellaneous	4.2	7	\$200	\$1,400
Mileage	4.2	1050	\$0.50	\$525
Total				\$555,768

* Equipment and supply list and amounts are still being finalized and therefore a line-item breakdown is not available at this time

Row (e) Environmental Compliance/Mitigation/Enhancement

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Admin Cost
Labor	Contract Manager	670	\$34	n/a	\$22,780
Labor	Legal Consultant	35	\$300	n/a	\$10,500
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	% of Cost (if applicable)	Total Admin Cost
Utility costs for recovery rearing facility	4.5	16,833	\$0.12	n/a	\$2,020
Water storage tank liability insurance	4.2	7	\$500	n/a	\$3,500
Total					\$38,800
What is the percentage based on (including total amounts)?					
How was the percentage of cost determined?					

Row (g) Other Costs

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Turbidity Coordinator	5.1	500	\$20	\$10,000
Technician I	5.1	200	\$18	\$3,600
Technician II	5.1	400	\$16	\$6,400
GIS Technician	5.1	40	\$30	\$1,200

Consulting Hydrologist	5.1	40	\$80	\$3,200
Project Manager	5.2	60	\$36	\$2,160
Project Coordinator	5.2	250	\$30	\$7,500
Monitoring Specialist	5.2	1200	\$28	\$33,600
Consulting Hydrologist	5.2	120	90	\$10,800
Mileage	5.2	1500	\$0.5	\$750
Tank Monitor	6.2	145	\$43	\$6,235
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Waders	5.1	2	\$95	\$190
Sample bottles	5.1	100	\$3.50	\$350
Mileage	5.1	2000	\$0.50	\$1000
Safety Equipment	5.2	n/a	n/a	\$700
Total				\$87,685

Row (h) Construction/Implementation Contingency

Row (h) Construction/Implementation Contingency	
<p>For participants in the Tank and Forbearance program, Sanctuary Forest is contractually obligated to provide an emergency water supply to the household in the event that their tank fails and they are no longer able to utilize instream pumps due to the low-flow season.</p> <p>For this project, \$10,500 will be set aside for emergency water delivery (\$1,500 per household for 7 households), contingent upon the above conditions.</p>	
Total	\$10,500

358 - Mendocino Headwaters Integrated Water Quality Enhancement Project, Mendocino County RCD

Budget						
Project Title: Mendocino Headwaters Integrated Water Quality Enhancement Project						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	18,676	24,349		43,025	43%
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	10,112	19,465		29,577	34%
(d)	Construction/ Implementation	244,466	317,353		561,819	44%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration	8,400	15,069		23,469	36%
(g)	Other Costs: Labor	2,253	23,764		26,017	9%
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$283,907	\$400,000		\$683,907	42%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Dept of Fish and Game: Federal funding for Little North Fork Big River Coho Habitat Restoration Project.	6/1/2010
State Department of Transportation: Federal funding for riparian restoration.	7/1/2010

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor	Contracts Administrator	10	45.00		450.00

Labor	Bookkeeping/Acct'ng	240	45.00		10,800.
Labor	Executive Director	48	66.00		3,168
Labor	MCRCO Project Mgr	144	68.00		9,792
Labor	PWA Principal Geologist	9	105.00		945.00
Labor	PWA Professional Geologist	13	90.00		1,170
Labor	PWA Project Manager	110	75.00		8,250
Labor	GIS Specialist	45	55.00		2,475
Labor	Technical Editor	15	65.00		975
Labor	Labor Compliance Monitor				5,000
Total					\$43,025

Row (b) Land Purchase/Easement
N/A

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
MCRCO Project Manager	2.1 CEQA Development -- Obtain copy of CEQA from DFG for road decommissioning; Provide copies of Navarro NOD for fish passage upgrades	8	68		\$544.00
MCRCO Project Manager	2.3 Permit Development – Obtain copy of 404 from CDFG if necessary, copy Navarro Coordinated Permitting docs	4	68		272

MCRCO Project Manager	2.4 Apply for 401 permits for fish passage barrier removal projects; secure copy from CDFG	12	68		816
MCRCO Executive Dir	2.4 Apply for 401 permits for fish passage barrier removal projects; secure copy from CDFG	4	66		264
MCRCO Project Manager	2.5 Apply for 1600 permit; amend Navarro permit	32	68		2,176
MCRCO Executive Dir	2.5 Apply for 1600 permit; amend Navarro permit	8	66		528
MCRCO Project Manager	3.1 Assessment & feasibility study for Yokayo Rancheria – determine best methods for eradication – test plots for tarping, hand removal, and fire.	18	68		1,224
Restoration Ecologist	3.1 Assessment & feasibility study for Yokayo Rancheria – determine best methods for eradication – test plots for tarping, hand removal, and fire.	20	100		2,000
Restoration Ecologist	3.3 Produce 60% design for eradication, removal and replanting of sedge beds	20	100		2,000
MCRCO Project Manager	3.3 Review design, receive comments/approval from tribe	20	68		1,360
PWA Principal Geologist	3.3 Review project assessments, recommend changes/updates	12	105		1,260
PWA Professional Geologist	3.3 Review project assessments recommend changes/updates	15	90		1,350
PWA Project Manager	3.3 Review project assessments for changes/updates	30	75		2,250
GIS Specialist	3.3 Update GIS with changes	5	55		275
Restoration Ecologist	3.4 Provide final design of restoration sites	20	100		2,000

MCRC D Project Manager	3.4 Review final design, present to tribe for approval	16	68		1,088
MCRC D GIS Specialist	3.4 GPS and map invasives for removal	8	55		440
PWA Principal Geologist	3.4 Review and approve final prescriptions on-site	25	105		2,625
PWA Professional Geologist	3.4 Review and approve final prescriptions on-site	22	90		1,980
PWA Project Manager	3.4 Review and approve final prescriptions on-site; meet and review with landowners	61	75		4,575
PWA GIS Specialist	3.4 Update maps with final prescriptions	55	10		550
Total					\$29,577

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
PWA	4.4.1 Staff – manage road decommissioning project			\$18,690
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Heavy Equipment	4.4.1 Decommission 3 miles of road – Move In/Move Out			7,170
Heavy Equipment	4.4.1 Decommission 3 miles of road			197,731
Labor	4.4.1 Manual labor at sites – DFG FRGP project non- prevailing wage	87.5	40	3500
Material	4.4.1 Rock			4,620
Material	4.4.1 Mulch, seed, planting materials			4,200
Material	4.4.1 Culvert disposal			1,500

Supplies	4.4.1 Field and Office Supplies			1,571
Misc	4.4.1 Lodging, per diem	22	124	2,728
Mileage	4.4.1	6,796	.5	3,398
PWA	4.4.2 Staff – manage removal of existing crossings and sediment and upgrade for fish passage			\$20,370
Heavy Equipment	4.4.2 Upgrade existing crossing for fish passage			63,780
Heavy Equipment	4.4.2 Upgrade existing crossing for fish passage – Move-in / Move-out			4,635
Labor	4.4.2 Manual labor at sites – prevailing wage	153	70	10,710
Material	4.4.2 Rock			3,150
Material	4.4.2 Bridges	4	30,000	120,000
Material	4.4.2 Culverts	1	7,580	7,580
Material	4.4.2 Culvert Disposal			1,500
Material	4.4.2 Mulch, seed, planting mat's			1,686
Misc	4.4.2 Lodging, per diem	24	124	2,976
Mileage	4.4.2	.5	4,538	2,269
Supplies	Office and Field supplies			1,399
Project Management	4.4.3 MCRCD Contract Administration- execute agreement with Yokayo Rancheria	8	45	360
Project Management	4.4.3 Executive Director – liaison between Yokayo Rancheria and MCRCD	24	66.	1,584
Project Manager	4.4.3 Manage project to remove, replant, irrigate, monitor for regrowth, and replant culturally sensitive vegetation	160	68	10,880
Mileage	4.4.3 Mileage	440	.5	220
Heavy Equipment	4.4.3 Equipment for mechanical removal of invasive species			8,000
Labor	4.4.3 Employ Native Americans to work on site	500	64	32,000

	at prevailing wages			
Labor	4.4.3 Certified pyro- technician for removal of invasive species			2,800
Materials	4.4.3 Plants and planting supplies			12,000
Supplies	4.4.3 Tarps for covering vegetation for eradication			4,500
Supplies	Irrigation System, design and install			4,312
Total				\$561,819

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	MCRCD Project Manager	90	68		6,120
Labor	MCRCD Executive Director	84	66		5,544
Labor	MCRCD Contracts Admin	16	45		720
Labor	PWA Principal Geologist	20	105		2,100
Labor	PWA Project Manager	92	75		6,900
Labor	PWA Technical Staff	15	60		900

Supplies	MCRCD Office supplies				500
Mileage	MCRCD Staff	370	.5		185
Supplies	PWA Phones, utilities				500
Total					\$23,469

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
MCRCD Staff	Project Performance Plan Development	40	68	2720
MCRCD Exec Director	Project Performance Plan Development	4	66	264
Yokayo Rancheria Tribal Members	Monitoring - monitor riparian restoration site for invasive regrowth and plant survival	160	64	12,960
MCRCD Staff	Photomonitoring - MCRCD staff to photograph and document before and after riparian restoration	40	68	2,720
PWA Project Manager	Photograph fish passage sites and road decommissioning sites	32	75	2,400
PWA Technical Staff	Catalog and document photographs of fish passage sites and road decommissioning sites	45	60	2700
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Permits	DFG 1600; RWQCB 401's			2253
Total				26,017

Row (h) Construction/Implementation Contingency
N/A

355 - Real-Time Weather Data for Irrigation Water Management, Del Norte Resource Conservation District

Budget						
Project Title: Real-Time Weather Data for Irrigation Water Management						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	600	700		1,300	
(b)	Land Purchase/Easement				0	
(c)	Planning/Design/Engineering & Environmental Documentation		200	3260	3460	
(d)	Construction/ Implementation	4820	4100	400	9320	
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration					
(g)	Other Costs: Labor			780	780	
(h)	Construction/Implementation Contingency					
(i)	Grand Total (Sum rows (a) through (h) for each column)	5420	5000	4440	14860	36%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
USDA- Conservation Innovation Grant.	June 2011

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Contract Management	Project Manager	22	\$50		\$1,100
Other					\$200

Total					\$1,300
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Row (b) Land Purchase/Easement					
None					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
County Planner	Notice of Determination	2.5	\$80		\$200
DWR	Site selection Identification of materials/equipment				\$3260
Total					\$3460
Rationale used to determine the contingency percentage.					

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Project Manager	Purchase Equipment Mobilization and site preparation	146	\$50	\$7300
Sole Proprietor/ lump sum contract	Project Construction			\$1520
Project Manager	Implement Use	10	\$50	\$500
Total				\$9320

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost

Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Equipment					
Supplies					
Travel					
Total					

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
DWR	Maintain data transfer			\$300
	Calibration and site check			
DWR	System testing and verification of operation of all system components will be conducted as part of maintenance and operation.			\$480
Materials and Equipment		Number of Units	Unit Cost	
Total				\$780

Row (h) Construction/Implementation Contingency
None

441 - Waterfall Gulch Transmission Main, City of Fort Bragg

Budget						
Project Title: <u>Waterfall Gulch Transmission Main Project</u>						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	0	\$5,000	0	\$5,000	0
(b)	Land Purchase/Easement	0	0	0	0	0
(c)	Planning/Design/Engineering & Environmental Documentation	\$51,500	0	0	\$51,500	100%
(d)	Construction/ Implementation	\$186,805	\$453,890	0	\$640,695	29%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	0	0	0	0	0
(f)	Construction Administration	0	0	0	0	0
(g)	Other Costs: Labor	0	0	0	0	0
(h)	Construction/Implementation Contingency	0	\$91,110	0	\$91,110	0
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$238,305	\$550,000	\$0	\$788,305	30%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
City of Fort Bragg: Planning/Design/Engineering documents were completed in October, 2010. The total cost to the City for Plans & Specs was \$46,500.	10/2010
City of Fort Bragg: Employee time spent on environmental, and RFP preparation was \$5,000.	09/2010

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost	Total Admin Cost

Labor	Public Works Project Analyst	90	\$53		\$5,000
Labor	N/A	N/A	N/A	N/A	N/A
Equipment	N/A	N/A	N/A	N/A	N/A
Supplies	N/A	N/A	N/A	N/A	N/A
Travel	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	\$5,000

Row (b) Land Purchase/Easement					
N/A. No Purchase necessary.					

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Community Development Director	CEQA Review	4	\$91	0	\$364
Senior Planner	CEQA Review	5	\$75	0	\$375
Engineering Tech	Preparation of RFP for Design/Engineering	16	\$60	0	\$960
Public Works Director	Preparation & review of RFP for Design/Engineering	10	\$107	0	\$1,070
PW Project Analyst	Admin of PO for Design/Engineering, review of RFP	10	\$53	0	\$530
Public Works Superintendent	Walking line and showing consultants line for RFP process.	12	\$84	0	\$1,008
Maint Worker IV	Walking line and showing	12	\$55	0	\$660

	consultants line for RFP process.				
Consultant/Engineer	60% Design, & Final Design	N/A	N/A	0	\$46,500
Total					\$51,500

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
	Mobilization			\$50,000
	Traffic Control			\$10,000
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
	Clearing & Grubbing	52,780	\$.25/SF	\$13,200
	Erosion Control	2	\$10,000/EA	\$20,000
	Protective Fencing	5,890	\$2/LF	\$11,780
	Remove & Replace Existing Fencing	50	\$25/LF	\$1,250
	Connect to Existing Pipeline	4	\$5,000/EA	\$20,000
	Gate Valve & Valve Box	5	\$850/EA	\$4,250
	Flushing Connection	1	\$4,500/EA	\$4,500
	Flushing Drain	2	\$3,000/EA	\$6,000
	AVRV	1	\$3,500/EA	\$3,500
	10" PVC C900 CL235 Transmission Main	5,280	\$80/LF	\$422,400
	Controlled Density Backfill	90	\$25/CF	\$2,250
	Repair Driveways	7	\$750/EA	\$5,250
	Class 2 Aggregate Base	8,250	\$2.35/SF	\$19,395
	Class 2 Aggregate Base & Type A Asphalt Concrete	10,200	\$4.60/SF	\$46,920
Total				\$640,695

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N/A				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
N/A				
Total				0.00

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost
Labor	N/A				
Equipment	N/A				
Supplies	N/A				
Travel	N/A				
Total					0.00

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N/A				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
N/A				
Total				0.00

Row (h) Construction/Implementation Contingency

Contingency is 15% of total cost less amount of Project Management cost for Prevailing wage (-\$5,000) = \$91,110. Fifteen percent (15%) is the standard contingency used for all City of Fort Bragg Capital and Construction Projects.

D. Humboldt Bay WMA**362 – Blue Lake Fieldbrook Pipeline Support Retrofit, Humboldt Bay Municipal Water District****Budget**

Project Title: HBMWD-Blue Lake Fieldbrook Pipeline Support Retrofit

Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	\$28,367	\$28,367	--	\$56,734	50.00
(b)	Land Purchase/Easement	\$12,500	\$37,500	--	\$50,000	25.00
(c)	Planning/Design/Engineering & Environmental Documentation	\$93,271	\$186,184	--	\$279,455	33.3
(d)	Construction/ Implementation	\$633,529	\$312,037	--	\$945,566	66.81
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	\$0	\$0	--	\$0	NA
(f)	Construction Administration	\$64,995	\$64,995	--	\$129,990	50.00
(g)	Other Costs: Labor	\$0	\$0	--	\$0	50.00
(h)	Construction/Implementation Contingency	\$70,917	\$70,917	--	\$141,835	50.00
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$903,580	\$700,000	--	\$1,603,580	56.35

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Humboldt Bay Municipal Water District (HBMWD)	June 2011
Federal Emergency Mitigation Administration.	March 2012

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost	Total Admin Cost
Labor	Senior Engineer	31	\$145		\$4,930
Labor	Project Engineer	166	\$110		\$18,700
Labor	Scientist	90	\$120		\$11,280
Labor	Drafting	72	\$80		\$6,240
Labor	Survey Project Manager	44	\$130		\$6,240
Labor	Clerical	45	\$55		\$2,475
Labor	Labor Compliance	50	\$100		\$5,000
Supplies					
Travel	All				\$1,869
Other					
Total					\$56,734

Row (b) Land Purchase/Easement

The District owns the adjacent land or has the Right-of-way for the existing pipeline crossing. The proposed project is directly adjacent to the existing crossing as can be seen in the project maps. The landowners of the required land for the proposed crossing are the same as those that have granted access for the existing pipeline crossing. The District is currently researching the existing Right –of-way and easement documents to determine if they need to be revised or amended for the proposed project. The District expects that if any of the right of way documents need attention they will be for the section of pipeline that connects the new crossing with the existing underground pipeline.

The construction phase of this project will require access to be created to the channel for a crane and hoists to complete the placement of the waterline and hangers on the tensioned cable. Construction access would include the creation of access points to the river, and temporary access roads on the river bar. Access could be created from the west side of the river on the District property near Collector 4 and would require two temporary bridges to access the location of the waterline. Alternatively, a construction easement could be obtained across private property north of the proposed crossing along an existing river access, and would require only one temporary river crossing.

This estimate covers the site access and channel easements required for the construction of the project as well as modification or re-application to existing land owners for the necessary Right-of way for the proposed project.

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Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Senior Engineer	Task 2.1 CEQA Development	29	\$145		\$4,205
Project Engineer		116	\$110		\$12,760
Scientist		53	\$120		\$6,360
Drafting		80	\$80		\$6,400
Clerical		19	\$55		\$1,045
Survey Party Chief		41	\$130		\$5,330
Survey Field Staff		64	\$100		\$6,400
Senior Engineer	Task 2.2 NEPA Development	39	\$145		\$5,655
Project Engineer		154	\$110		\$16,940
Scientist		70	\$120		\$8,400
Drafting		106	\$80		\$8,480
Clerical		26	\$55		\$1,430
Survey Project Manager		54	\$130		\$7,020
Survey Field Staff		85	\$100		\$8,500
Senior Engineer	Task 2.3 Permit Development DFG 1600	10	\$145		\$1,450
Project Engineer		25	\$110		\$2,750
Scientist		42	\$120		\$5,040
Clerical		14	\$55		\$770

Senior Engineer	Task 2.4 Permit Development 404	10	\$145		\$1,450
Project Engineer		25	\$110		\$2,750
Scientist		42	\$120		\$5,040
Clerical		14	\$55		\$770
Senior Engineer	Task 2.5 Permit Development 401	10	\$145		\$1,450
Project Engineer		25	\$110		\$2,750
Scientist		42	\$120		\$5,040
Clerical		14	\$55		\$770
Senior Engineer	Task 3.2 Concept Design	14	\$145		\$2,030
Project Engineer		57	\$110		\$6,270
Scientist		26	\$120		\$3,120
Drafting		39	\$80		\$3,120
Clerical		10	\$55		\$550
Survey Chief		20	\$130		\$2,600
Survey Crew		32	\$100		\$3,200
Senior Engineer	Task 3.3 90% Design	52	\$145		\$9,425
Project Engineer		205	\$110		\$28,380
Scientist		94	\$120		\$14,160
Drafting		141	\$80		\$14,160
Clerical		34	\$55		\$2,365
Survey Chief		72	\$130		\$11,830
Survey Crew		113	\$100		\$14,200
Senior Engineer	Task 3.4 Final Design/Plans	24	\$145		\$3,480
Project Engineer		95	\$110		\$10,450

Scientist		44	\$120		\$5,280
Drafting		66	\$80		\$5,280
Clerical		16	\$55		\$880
Survey Chief		34	\$130		\$4,420
Survey Crew		53	\$100		\$5,300
Total					\$279,455
Rationale used to determine the contingency percentage.					

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Senior Engineer	Task 4.1 Construction Contracting: Advertise and Contract Bidding	17	\$145	\$2,465
Project Engineer		170	\$110	\$18,700
Scientist		21	\$120	\$2,520
Clerical		23	\$55	\$1,265
Senior Engineer	Task 4.2 Construction Contracting: Award	6	\$145	\$870
Project Engineer		62	\$110	\$6,820
Clerical		7	\$55	\$385
Pipefitter	Task 4.3 Construction	1467	\$75	\$110,025
Pipefitter Help		917	\$30	\$27,510
Welder		1140	\$82	\$93,480
Welder Help		779	\$30	\$23,370
Mason		1214	\$77	\$93,478
Mason Help		779	\$30	\$23,370
Earthwork		1239	\$71	\$87,969

Earthwork Help		733	\$30	\$21,990
Heavy Equipment Specialized		663	\$83	\$55,029
Heavy Equipment Spotter		458	\$30	\$13,740
Senior Engineer	Task 4.4 Construction Inspection and Management	28	\$140	\$4,060
Project Engineer		236	\$110	\$25,960
Scientist		50	\$120	\$6,000
Survey Chief		15	\$130	\$1,950
Survey Crew		10	\$100	\$1,000
Clerical		18	\$55	\$990
Senior Engineer	Task 4.5 Revegetation	21	\$145	\$3,045
Project Engineer		82	\$110	\$9,020
Scientist		100	\$120	\$12,000
Survey Chief		92	\$130	\$11,960
Survey Crew		90	\$100	\$9,000
Landscaping		133	\$90	\$11,970
Landscaping Help		86	\$35	\$3,010
Senior Engineer	Task 4.7 Construction Project Closeout and Demobilization	8	\$145	\$1,160
Project Engineer		55	\$110	\$6,050
Scientist		20	\$120	\$2,400
Clerical		11	\$55	\$605
Waste Removal		12	\$150	\$1,800
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Pipe	Task 4.3 Construction	780	\$105	\$81,900

Pipe Fittings	Task 4.3 Construction	50	\$125	\$6,250
Concrete	Task 4.3 Construction	170	\$110	\$18,700
Cable	Task 4.3 Construction	2500	\$27	\$67,500
Cable Ends	Task 4.3 Construction	250	\$50	\$12,500
Tower Steel	Task 4.3 Construction	2	\$21,250	\$42,500
Hardware	Task 4.3 Construction	1	\$2,500	\$2,500
Aggregated Base	Task 4.3 Construction	50	\$50	\$2,500
Rock	Task 4.3 Construction	50	\$50	\$2,500
Sand	Task 4.3 Construction	50	\$50	\$2,500
Gravel	Task 4.3 Construction	50	\$50	\$2,500
Topsoil	Task 4.5 Revegetation	50	\$50	\$2,500
Trees	Task 4.5 Revegetation	125	\$50	\$6,250
Total				\$945,566

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$0

Note: The environmental compliance costs are covered in the construction implementation line item as they are integral to the construction project. There is no separate mitigation or enhancement necessary for this project. The monitoring costs of all environmental compliance measures are covered in the engineering, planning and environmental documentation line item.

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost

Labor	Senior Engineer	83	\$145		\$12,035
Labor	Project Engineer	818	\$110		\$89,980
Labor	Scientist	50	\$120		\$6,000
Labor	Survey Chief	46	\$130		\$5,980
Labor	Clerical	109	\$55		\$5,995
Travel	All				\$10,000
Other					
Total					\$129,990

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				\$0

Row (h) Construction/Implementation Contingency
Standard engineering practices include a 15 percent contingency for construction implementation for projects in the planning phase. As this project is still in the planning phase and this budget is based on a class five cost estimate, a 15 percent contingency is considered appropriate.

E. Eel River WMA

405 – Sustainable Forests, Clean Water & Carbon Sequestration Demonstration Project, Redwood Forest Foundation Inc.

Table B-1 – Budget

Project Title: Sustainable Forests, Clean Water & Carbon Sequestration Demonstration Project

Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	73,040	10,000		83,040	88
(b)	Land Purchase/Easement					
(c)	Planning/Design/Engineering & Environmental Documentation	5,000			5,000	100
(d)	Construction/ Implementation		225,000		225,000	0
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor					
(f)	Construction Administration					
(g)	Other Costs: Labor					
(h)	Construction/Implementation Contingency		15,000		15,000	0
(i)	Grand Total (Sum rows (a) through (h) for each column)	78,040	250,000		\$328,040	24

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Private donations \$28,000.	August 2009 – Sept. 2010
Mendocino National Forest Restoration Advisory Committee - \$5,000.	August 2010
Community Foundation of Mendocino County - \$4,000.	May 2010
Mendo Futures - \$27,000.	2010 - 2012
Woody Biomass Working Group – in-kind contribution \$14,040.	2011 -2013

Budget Detail

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Administration (Inkind donation)	Project Management	2060	\$25		51,500
Administration (Inkind donation)	Project Management	300	\$25		7,500
Administration (Inkind donation)	Project Management - Air Quality Permits – Task2	261.6	\$25		6,540
Administration (Inkind donation)	Project Management - Procure equipment – Task 3	300	\$25		7,500
Administration (Grant Funds)	Technical Advisor - contract				3,000
Travel (Grant Funds)	Technical Advisor - contract				2,000
Labor Compliance Monitoring (Grant Funds)	County of Humboldt	unknown			\$5,000
Other					
Total					\$83,040
* What is the percentage based on (including total amounts)?		Total project costs			
* How was the percentage of cost determined?		(\$83,040/\$328,040= 0.237) = 25%			

Row (b) Land Purchase/Easement
NA

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost

Project Planning	Technical and Economic Feasibility analysis (Task 0)	140	\$25	0	\$3,500
Project Planning	Choose location for biochar facility to be located (Task1)	60	\$25	0	\$1,500
Total					\$5,000
Rationale used to determine the contingency percentage.		Tasks completed December 2010			

Row (d) Construction/Implementation					
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost	
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost		
Project Manager	Task 3 - Procure suitable biomass to biochar conversion unit & supporting equipment	1	\$225,000	\$225,000	
Total				\$225,000	

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
	NA			
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				0

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Cost

Labor					
Labor					
Equipment					
Supplies					
Travel					
Other					
Total					0

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				0

Row (h) Construction/Implementation Contingency
\$15,000 misc. and implementation contingency costs. This could include: equipment price increases, additional equipment, taxes, shipping, additional safety equipment, air quality monitoring equipment or other items.

F. Trinity River WMA

357 - Hwy 96 Stormceptor, Willow Creek Community Services District

Budget						
Project Title: <u>Willow Creek Community Services District Storm Water Interceptor Project</u>						
Budget Category		Non-State Funding Match	Requested Grant Funding	Other State Funds	Total	% Match
(a)	Project Management Costs	7,560			7,560	100%
(b)	Land Purchase/Easement	N/A				0%
(c)	Planning/Design/Engineering & Environmental Documentation	5,646	16,938		22,584	25%
(d)	Construction/ Implementation	74,776	76,424		151,200	49%
(e)	Environmental Compliance/ Mitigation/Enhancement : Labor	N/A				0%
(f)	Construction Administration	6,890	5,670		12,560	55%
(g)	Other Costs: Labor	N/A				0%
(h)	Construction/Implementation Contingency	4,152	10,968		15,120	27%
(i)	Grand Total (Sum rows (a) through (h) for each column)	99,024	110,000		209,024	47%

Sources for Non-State Funding Match and Other State Funds

Sources for Non-State Funding Match and Other State Funds	
Funding Source Name	Date received or expected date of receipt of funds
Willow Creek Community Services District – Donated Services and Funding	

Budget Detail

Row (a) Project Management Costs

Row (a) Project Management Costs					
Project Management Type	Personnel by Discipline	Number of Hours	Hourly Wage	% of Cost (if applicable) *	Total Admin Cost
Labor				5%	
Labor					
Equipment					
Supplies					
Travel					
Other					
Total					7,560
* What is the percentage based on (including total amounts)?		Based on 5% of the Total Construction Cost			
* How was the percentage of cost determined?		Determined by Prior Experience on Projects			

Row (b) Land Purchase/Easement

Row (b) Land Purchase/Easement					
N/A					

Row (c) Planning/Design/Engineering & Environmental Documentation

Row (c) Planning/Design/Engineering & Environmental Documentation					
Personnel (Discipline)	Work Task & Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Contingency Amounts	Total Cost
Engineer	Survey and Design Project	140	70	784	10,584
Permit Specialist	Procure Permits for Project	90	100	3000	12,000

Total					22,584
Rationale used to determine the contingency percentage.		Determined by Prior Experience on Projects			

Rows (d) Construction/Implementation

Row (d) Construction/Implementation				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
Equipment Operator		150	85/hr	12,750
Laborer		360	75/hr	27,000
Foreman		160	92/hr	14,720
Flagger		60	75/hr	4,500
Administration		60	40/hr	2,400
Driver		40	80/hr	3,200
Project Manager		33	100/hr	3,300
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Stormwater Interceptor		1	15,000	15,000
30" CMP		1,400'	32/per ft	44,800
180 Excavator		90	140/ per hr	12,600
D3 Dozer		60	110/per hr	6,600
Pickup		120	15	1,800
Erosion Control Supplies		1	2,000	2,000
Traffic Control Supplies		1	530	530
Total				151,200

Row (e) Environmental Compliance/Mitigation/Enhancement

Row (e) Environmental Compliance/Mitigation/Enhancement				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N/A				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
N/A				
Total				

Row (f) Construction Administration

Row (f) Construction Administration					
Administration Cost Type (add/change type)	Personnel (Discipline)	Number of Hours	Hourly Wage	% of Cost (if applicable)	Total Admin Cost
Labor	Labor Compliance Monitor	50	100		5,000
Labor					
Equipment					
Supplies					
Travel					
Other					
Total					12,560
What is the percentage based on (including total amounts)?		Based on 5% of the Construction Costs			
How was the percentage of cost determined?		Determined by Previous Experience			

Row (g) Other Costs

Row (g) Other Costs				
Personnel (Discipline)	Work Task and Sub-Task (from Work Task Table)	Number of Hours	Hourly Wage	Total Cost
N/A				
Materials and Equipment	Work Task and Sub-Task (from Work Task Table)	Number of Units	Unit Cost	
Total				

Row (h) Construction/Implementation Contingency

Row (h) Construction/Implementation Contingency	
10% contingency was utilized because this is a relatively straight forward project with less chance of significant changes. 10% will cover minor charges that are likely to occur on a project of this size.	